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Turns Down Polaris Increase:

CNO Says Only He Could Manage ASW Program; Urges Carrier Restoration

If any one man could handle the Navy's ASW program, Admiral Arleigh Burke thinks the CNO is the only one who could do it.

The Chief of Naval Operations so informed the Senate Military Appropriations Subcommittee in testimony 24 May. He urged that the Navy be per-

mitted to continue its ASW work "without the disruption which would result from a major reorganization."

The House Appropriations Committee recommended immediate establishment (THE JOURNAL, 7 May) of a single-manager system for the ASW program.

—Continued on page 22

Academy Cadets Hit:

Service Sons Lose Travel Pay

The Pentagon has been rebuffed in an attempt to end travel discrimination against Service Academy cadets whose fathers are on active military duty.

These cadets and midshipmen are denied travel benefits authorized for ROTC cadets and other Service sons who attend civilian educational institutions.

The Pentagon advised Comptroller General Joseph Campbell that many Service

Academy cadets and midshipmen are sons of members of the Uniformed Services and the latter are required by the

—Continued on page 25

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CLASSES OF '60

The Journal publishes in this issue the names of cadets and midshipmen graduating from the U. S. Military, Naval and Air Force Academies. Last week's issue published the U. S. Coast Guard Academy Class of '60.

The USNA and USAFA lists are found on Page 11. The USMA list is on Page 20.

Secretary Gates Moves Quietly Toward Reorganization Without Legislation

Secretary of Defense Gates is reorganizing important Service operations without the aid of new legislation. From missile ranges and global communications to atomics and toxics, Secretary Gates is centralizing command and control of military operations at the Defense level.

As Secretary of the Navy, Mr. Gates opposed centralization of authority in a single Chief of Staff. He was in the fore-

front of resistance to those who argued for a Single Service.

Secretary of Defense Gates has not changed these views, but he is using the full powers of his office as they have never been used before, to achieve increased unification within the terms of existing legislation.

The key to the new unification theme is the greatly increasing authority which is being given to Dr. Herbert F. York, Director of Defense Research and Engineering.

The limits of Dr. York's operational re-
—Continued on next page

Fathom This!

Bathyscaph Trieste Is No "Submarine"

THE deepest fiscal decision in modern military history has just been made. It will sink the Pentagon's plan to give submarine pay to Lt. Don Walsh, USN. He descended seven miles below the Pacific Ocean in the Bathyscaph Trieste, but that feat cannot be counted as submarine service for pay purposes.

For a penetrating analysis of why Lieutenant Walsh's pay has been torpedoed, turn to Page 21.

Pentagon Seeks Reserve Retirements

The Defense Department has asked Congress not to postpone the removal from active status of Army and Air Force Reserve officers whose removal was deferred originally under the Reserve Officer Personnel Act of 1955.

Testifying before the Armed Services
—Continued on page 17

"Common Cold" Downs Fliers

MORE than one out of every four flying officers in the Armed Forces are suspended from flight duties each year for medical reasons.

The suspensions range from periods of one day to indefinitely.

The major medical cause for removal of fliers from cockpit duties is the "common cold."

This is revealed in a JOURNAL survey
—Continued on page 30

AF Will Curtail Flying For 3,000; CofS Fights House Cut, Backs Accrual Pay Plan

GENERAL Thomas D. White has come out fighting in the Senate against the action of the House in trying to force several thousand Army, Navy Air Force and Marine Corps officers off flying status effective 1 July.

In a move designed to gain Senate reversal of the House action, General White has announced that the Air Force will impose a clamp-down on "normal proficiency flying activities" of approximately 3,000 rated officers.

At the same time, the Air Force Chief of Staff strongly backed a proposal to set up a new "accrual system" for flight pay.

Under the proposed legislation, which he said is still pending approval by the Defense Department and Budget Bureau, officers with five years of rated service could be removed from flying status and still receive 5% of their previous flight

—Continued on page 10

Copters Will Fly High In New Army Aviation Program; "Serious Gap" Reported In STRAC Battlefield Transport Lift

THE ARMY shortly will announce a design competition for a light observation helicopter which can carry four passengers and cruise at a minimum speed of 110 knots.

It will be turbine engine powered.

The new helicopter, slated for procurement beginning in fiscal year 1964, is intended to replace the fixed wing L-19 and the H-13 and H-23 helicopters.

The forthcoming design competition announcement will be the Army's first positive action following completion of a long-range study by the Army Aircraft Requirement Review Board.

Chairman of the Board was Lt. Gen. Gordon B. Rogers of the Continental

Army Command, Ft. Monroe, Va.

General Lyman L. Lemnitzer, CofS, assigned the Board the mission of defining Army Aviation requirements for the 1965-1970 period.

The helicopter competition will be followed by the start in fiscal year 1962 of a similar competition for design of a new Army surveillance aircraft. It is seen as an ultimate replacement for the Grumman Mohawk, which is now being tested prior to initial operational deployment.

The Rogers Board foresees that the new surveillance plane will cruise at a speed of 250-300 mph with a maximum speed of up to 400 mph. It will be cap-

able of carrying all types of sensor equipment.

In the transport category, General Rogers and his associates reported to General Lemnitzer that the Army should count most heavily in the future on a compound helicopter capability which can haul a payload of 3 tons on a mission for 500 nautical miles.

It is significant to note that, except for the proposed surveillance plane, which would have a gross weight of about 20,000 pounds, the Rogers Board does not propose any specific fixed wing aircraft for early procurement.

This does not mean that the Board
—Continued on back page

Air Force Academy Gets Missile Unit Colors



Maj. Gen. David Wade, Commander of the First Missile Division, presents the colors of the division to Cadet Lt. Col. Gregory Boyington, Jr., Commander of the 16th Cadet Squadron at the U. S. Air Force Academy. The First Missile Division at Vandenberg AFB, Calif., has become official sponsor of the 16th Squadron as part of the program in which active Air Force units adopt cadet squadrons. Prior to the parade General Wade presented a copy of the division history and an exhibit of missile models to the squadron.

Cadet Boyington, the son of the famed WW II Marine hero, Colonel "Pappy" Boyington, is scheduled to graduate from the Academy 8 June in the 228-member Class of 1960.

Missile Range Shift Part of Defense Reorganization Within Present Law

From first page—

sponsibilities—as compared to staff and policy actions which have characterized the activities of civilian DoD leaders in the past—are not likely to be fixed for some time to come.

The law which restricts Joint Staff strength to 400 officers makes it impossible to place enlarged operational responsibilities directly in the Joint Staff. Instead, Secretary Gates can, and is, taking such action in the civilian appendages of his own office.

Missile Test Shift

In the multi-million dollar field of missile testing, Secretary Gates concurred in the proposal of Dr. York to centralize direction of all test ranges in the office of the Director of Research and Engineering.

This led to the shift of Maj. Gen. Donald N. Yates, USAF, for six years Commander of the Air Force Missile Test Center at Patrick AFB, Fla., to the Pentagon in three-star rank as Deputy Director of Defense Research and Engineering (Ranges and Space Ground Support).

General Yates and Mr. Alvin G. Waggoner, Assistant Director of Research and Engineering, have been given full authority by Secretary Gates to act for Dr. York on all matters involving missile and space ranges and associated ground stations.

Lieutenant General Yates will have operational supervision of the Atlantic Missile Range off Cape Canaveral, Fla., which until now has been the responsibility of the Air Force; the White Sands Missile Range, N. M., for which the Army has been executive agent; and the Pacific Missile Range at Point Mugu, Calif., for which the Navy has held primary responsibility.

Toxics Reorganization

Another measure of Dr. York's increasing power under the centralized control approach was the 19 May announcement that toxicological research in the Armed Forces "has been consolidated under the general direction of the Advanced Research Projects Agency."

The Pentagon announcement—it was made by Dr. York—said: "The constantly increasing use of a variety of chemicals by the military services under widely differing conditions has emphasized the need for a more centrally coordinated research program."

Dr. York's announcement noted that one objective is to reduce the lead time in facilitating the early practical use of new chemical products.

The drive to cut "lead time" has been a major factor in Secretary Gates' decision to give the Director of Defense Research and Engineering increased coordination and control responsibilities over research and development projects and activities in all the Services.

The drive to achieve economies in money and manpower is another motivating factor in the new reorganization actions.

Satellite Hospitals

Secretary Gates is seeking to attain improved utilization of Army, Navy, and Air Force hospitals in the U. S. Selected medical facilities in a particular area will be classified as "regional hospitals," with other hospitals in that area tabbed for satellite status.

Here, there is a possibility of a political flyback.

Take the case in Texas, represented by Senator Lyndon Johnson, who heads the Armed Services Preparedness Subcommittee, and Representative Paul Kilday, second ranking Democrat on the House Armed Services Committee.

It is being proposed by the Defense Department that the new 1000-bed hospital at Lackland AFB, Tex., be given "regional" status, with the Army's Brooke General Hospital at Ft. Sam Houston, Tex. tentatively identified as a "satellite" facility. Senator Johnson and Representative Kilday have expressed concern that this action could impair the medical services which are

being provided at Brooke.

Whatever the possible modifications in the regional-satellite hospital plan, there is no question that Secretary Gates intends for Assistant Secretary of Defense (Health and Medical) Dr. Frank B. Berry to exert more operational direction over the Surgeons General of the Army, Navy, and Air Force than has been the case in the past.

In the wake of the Air Force's unilateral decision to cut its Aeromedical Evacuation System, which serves patients in all the Armed Forces, Secre-

tary Gates issued an order which bars any Service from reducing activities that affect another Service without approval of the Department of Defense.

Reserve Forces Procedure

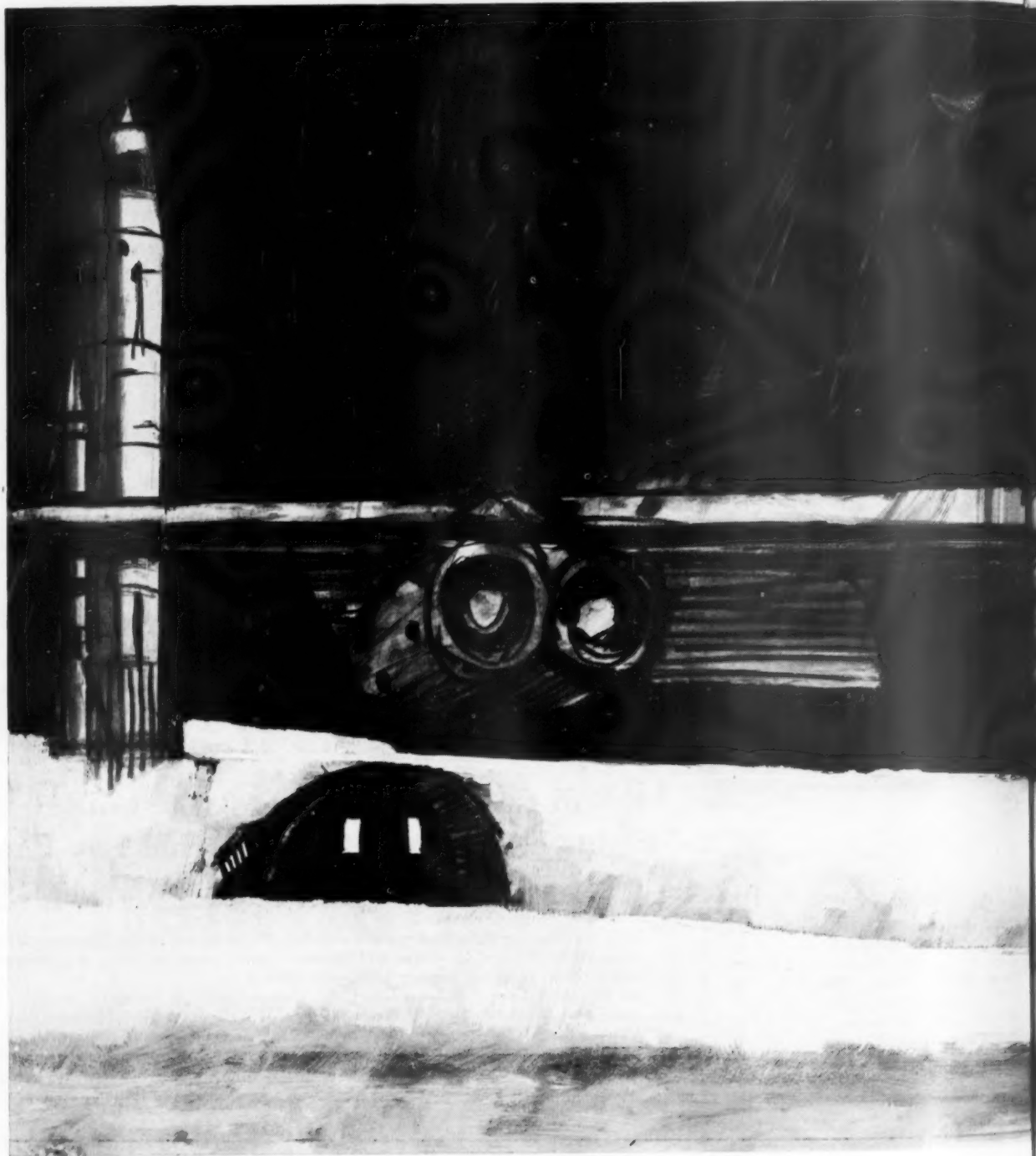
In the manpower field, Secretary Gates is under orders from the White House to come up with new recommendations concerning the Reserve Forces structure in all the Services. He gave this problem initially to the JCS for their military assessment, and then turned the complex matter over to Assistant Secretary of

Defense (Manpower, Personnel, and Reserve Forces) Charles C. Finucane.

Past studies of Reserve Forces usually have begun at the Service level, but it will be a different story this time.

If Secretary Gates is successful in formulating a single Department of Defense position on Reserve Forces strength, the likelihood is that the Army would be barred in the future from expressing to Congress the desirability of National Guard and Reserve manpower

—Continued on back page



always on the alert

Mix
—the global force for peace

TWENTY-FOUR HOURS a day, around the world, the Strategic Air Command is always on the alert. With manned aircraft and with missiles, America's military forces stand guard to prevent war before it starts. If the signal should come from SAC's underground headquarters, the aircraft would be airborne in minutes...the missiles would be brought to operational readiness.

Constant preparedness is one reason there has been no third world war. Our global force for peace must be a mix of manned and unmanned weapons powerful enough to prevent a potential aggressor from igniting a nuclear conflict.

In this thermonuclear age, our mixed deterrent force must be more resourceful, more versatile than ever before.

Toxics Research Placed Under ARPA

This is the text of the official Pentagon statement announcing that research in toxics has been assigned to the Advanced Research Projects Agency:

"Toxicological research in the Department of Defense has been consolidated under the general direction of the Advanced Research Projects Agency, Dr. Herbert F. York, Director of Defense Research and Engineering, announced today (19 May).

"The Army Chemical Center Laboratories will serve as primary agent for
—Continued on page 32

USAF REGISTRAR

Lt. Col. Virgil J. O'Connor, Registrar at the U. S. Air Force Academy, has been nominated by President Eisenhower for appointment as permanent registrar. He has held the position of Registrar since December 1956. Before that assignment he was Director of Evaluation at the Academy.

Through the Air Force graduate education program he received his doctorate in education from Harvard University in 1949. Prior to his Academy assignment in 1955, he was Deputy Chief of the Human Factors Division, Directorate of Research and Development, USAF Headquarters.

28 May 1960 (Vol. 97, P. 1091)

Army Navy Air Force Journal 3

TAC Will Host Fighter Weapons Meet 3-8 October At Nellis AFB, Nevada

The Air Force Tactical Fighter Weapons Meet—William Tell 1960—will be hosted by Tactical Air Command 3-8 October at Nellis AFB, Nev.

Competing teams will represent TAC, the U. S. Air Forces in Europe and the Pacific Air Forces.

Four major trophies which will be presented at the end of the competition. The General Jesse H. Auton Trophy goes to the team compiling the highest total points; the John L. Mitchell Trophy, new

this year, will be awarded to the team representing the Tactical Unit compiling the highest total points in the Tactical Fighter Weapons Meet. The General Hoyt S. Vandenburg Trophy will be awarded to the team compiling the highest total points in the hi-explosive weapons events. The Major Thomas B. McGuire Trophy will be awarded to the team compiling the highest total points in the nuclear weapons events.

The last previous Fighter Weapons Meet was held in 1958, also at Nellis.

SAC Sets New Rules For Combat Training

SAC has taken new action to control and maintain a balance of age and service within its crew force.

Effective immediately, the following policy will apply to the entry of officers into combat crew training schools:

- Reserve officers will not be entered into a CCTS if they have between 14 and 16 years service unless they submit a formal training application. Normally, the applications will not be approved if the officer will be over 36 years of age upon completion of 16 years total active federal military service (TAFMS).

- Regular and Reserve officers who have completed 16 or more years TAFMS or who are more than 36 years of age will not be entered into crew training for crew duty assignments without a waiver from SAC Headquarters.

SAC officials said this is a basic general policy and is not a reflection on the ability of rated officers who are 36 or more years of age. It is designed to preclude the possibility of "too many" crew members becoming eligible and applying for retirement at the same time.

Waivers will be accepted and evaluated on the basis of command requirements, special qualifications, established policies, etc. A waiver will be granted, SAC says, if the interest of the command can be best served by entry of the individual into crew training.

Col. Taylor Heads Ord. Research Unit

Col. George W. Taylor has assumed command of the Army Office of Ordnance Research, succeeding Col. G. F. Leist assigned to the Office, Chief of Ordnance, Washington, D. C.

The Office of Ordnance Research, the national headquarters for the planning and conduct of the basic scientific research program sponsored by the Ordnance Corps, was established in 1951 on the Duke University campus in Durham, N. C.

Colonel Taylor, who received his B.A. from Richmond University, in 1929, secured his M.A. and Ph.D. degrees at Princeton University, in 1930 and 1932 respectively; and during the years 1932-34 was a National Research Fellow at Princeton. He is also a graduate of the Army Command and Staff College (1945) and the Army War College (1953).

The new OOR commander is married to the former Carola Fox Whitman, of Boston, Massachusetts, an alumna of Radcliffe College. The Taylors have two sons, George, Jr., 11, and Carter W., 22. In Durham the Taylors will make their home at 1025 Dacian Avenue.

Tactical Missile Class Graduates

Seventeen officers and 108 airmen have been graduated from the Air Force Tactical Missile School at Orlando AFB, Fla., and will be assigned as combat crews for the Martin TM-61C MATADOR and the TM-76A MACE Missile Systems.

The four element leaders were: Maj. Clyde H. Smith, Maj. Robert C. O'Connor, Captain E. Forshey, and First Lt. William E. Cartwright.



Not only must it be capable of striking back with total retaliation... it must also have the power of global flexibility—the swift, all-round capability to meet any threat to world peace, anywhere, anytime.

Missiles alone cannot provide for the full spectrum of military action to meet every situation. That is why today we have the Atlas ICBM and the B-52 bomber. That is why tomorrow, in the day of the second generation ICBM's, we will need an even more advanced airplane. And this is why the multi-purpose B-70 Valkyrie airplane is being developed—to provide America with a true balance of manned and unmanned weapons. This 2000 mph manned bomber could take off from U. S. bases and strike almost any trouble

spot in the world within three hours. And being a *manned* weapon system it can be put into immediate action yet still be recalled before the final commitment to strike.

The philosophy of having a secure mixed force capable of devastating retaliation has been a successful one for the Free World. With the Mach 3 B-70 and the sophisticated Minuteman ICBM we can maintain that same successful strategy through the uncertain years ahead. For a mixed retaliatory force is the key to continuing peace.

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Secretary Brucker Seeks Full Airlift Funds; Tells Senate That House Action Would Force Extension Of Oversea Tours; Weapons "Shopping List" Reaffirmed

SECRETARY of the Army Wilber M. Brucker has asked the Senate to restore \$34.6 million of the funds cut from the Army's fiscal '61 budget by the House.

He urged the Senate Military Appropriations Subcommittee to ease the impact of reductions for travel expenses, departmental administration and proficiency flying, and took a strong stand in support of the House decision to add \$250 million to the Defense Department

bank account for military airlift. He said the Army also favors a separate authorization for "Airlift Modernization" as approved by the House.

Deputy Defense Secretary James H. Douglas had told the committee (THE JOURNAL, 21 May) that the Defense Department doesn't want \$100 million of the added airlift funds. He also said the decision to set up a separate bank account for airlift is "not consistent with the present accepted form of bud-

eting."

Secretary Brucker, under questioning, said the Army supports the House airlift action all the way.

The Army Secretary was asked by Senator Leverett Saltonstall (R-Mass) if he is "satisfied with the rate of build up of the Army." Mr. Brucker recalled that he had given the Committee in February a \$928 million shopping list of needed items not included in the budget. He said the list was prepared

by about 50 of the Army's "top-level people" and that nothing has happened since February to reduce the threat on which the Army had based its requirements. In fact, he said, recent events only "emphasize" the threat.

Instead of the \$1.3 billion for Army modernization, which is contained in the budget, Secretary Brucker said the Army needs "upwards of \$2.5 billion."

In asking for restoration of \$126 million for travel expenses—about half of the House cut—Secretary Brucker said the full House reduction would "seriously impair" the Army's ability to maintain overseas strength, receive, train and deploy new personnel, and perform other essential travel. If the reduction in PCS funds is not restored, he said, "overseas tours will have to be lengthened for some areas" including geographical areas "in which living conditions are marginal." He added that overseas movement of troops who are slated to go to Korea to build up the two Army divisions there also would be "greatly complicated" by the proposed reduction.

The Secretary also asked for restoration of about half of the cut in departmental administration funds. He said the Army General and Special staffs, the offices of the chiefs of the technical services and the office of the Surgeon General already have undergone a net reduction of 24% since 1956, "an average reduction of 6% per year."

Secretary Brucker urged the committee also to restore \$3.2 million for maintenance of Wherry and Capehart family housing and \$700,000 for the education of dependent children.

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USAA understands the problems of those in the services, for active and retired officers of the U.S. Armed Forces have managed and directed this non-profit association since it was founded in 1922. No salesmen are employed nor are any commissions paid. Insurance is made available direct to the eligible* policyholder at cost.

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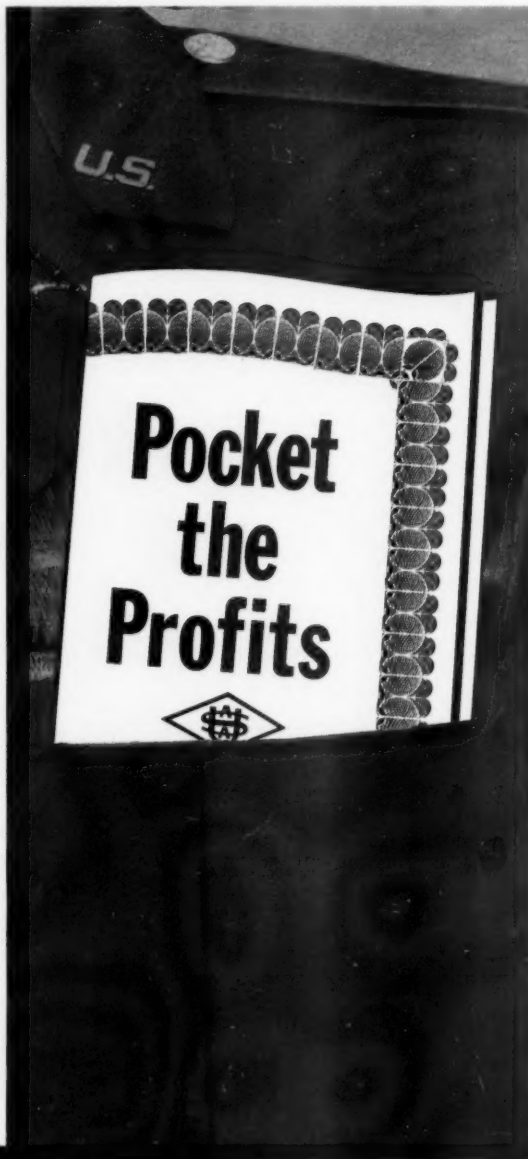
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*Membership in United Services Automobile Association is limited to active and retired Regular officers, midshipmen, cadets and warrant officers of the United States Army, Air Force, Navy, Marine Corps, Coast Guard, Public Health Service, Coast and Geodetic Survey; Foreign Service Officers of the Department of State; Reserve and National Guard officers when ordered to extended active Federal duty for a period of six months or longer; the widows of such officers and warrant officers so long as their status is not changed by remarriage. Reserve and National Guard officers who retire, or who are released to inactive status and retain their commissions or warrants, may continue their insurance or renew their insurance with the Association at any time, provided membership in USAA was established while such officers were on extended active duty.

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Charles E. Cheever
Colonel, USA—Retired
President



M/G Theimer Joins Pacific Staff

Maj. Gen. John E. Theimer, CG, U. S. Army Hawaii and 25th Infantry Division, Schofield Barracks, will become Deputy CofS for Foreign Military and Civilian Affairs, Logistics and Administration on the Staff of Commander-in-Chief, Pacific, in July.

Brig. Gen. John F. Thorlin, CG, Ordnance Training Command, Aberdeen Proving Ground, Md., reports 1 June as CG, Ordnance Tank-Automotive Command, Detroit, Mich.

Brig. Gen. George R. Mather, Assistant Division Commander, 7th Infantry Division, Korea, reports for assignment in October to Fourth Army, Ft. Sam Houston, Tex.

Brig. Gen. Sherburne Whipple, Jr., CofS, U. S. Army Advisory Group, Korea, reports in November for assignment to Headquarters, Second Army Ft. Meade, Md.

Maj. Gen. Frank M. Albrecht, USA, Division Engineer, South Atlantic Division, Atlanta, Ga., will retire 30 June after more than 37 years active service.

Maj. Gen. Waldo E. Laidlaw, USA, CG, White Sands Missile Range, N. M., will retire 30 June after more than 34 years active service.

Army Promotes 26 To Lt. Colonel

The Army in S.O. 103 has promoted 26 officers to temporary lieutenant colonel, with rank from 24 May.

Those promoted include majors through sequence number 969, Army Promotion List, DA Circular 624-47, 9 March 1959.

Aud, James E, Arty Kloebe, Wm C, Inf
Berte, Saml C, QMC McSoley, Geo F, Arty
Biersack, C M, OrdC Miller, J F, Armor
Cochran, J H, Jr, Inf Miller, M S, Inf
Crawford, R P, Inf Moore, Jas D, QMC
Daly, John A, AS Newman, Jas W, Arty
Dufresne, Geo R, AGC Oestreich, R H, Inf
Dunbar, P H, Jr, Arty Redman, A, Jr, SigC
Elam, Harry M, Inf Shealy, Carroll D, Inf
Hall, Geo R, Armor Soto, Chas T, AI
Hart, K P, SigC Tyson, Chas M, Inf
Hollowell, H W, Jr, Wilson, Sam T, FC
Arty Witten, Wm W, Jr
Kerr, G L, Jr, SigC OrdC

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Car Year	Make	Model	Body Type	Pass. Cap.	Serial Number	Motor No.	No. Cyls.
Cost	Purchase Date	New/Used	Current Car License	Name in which car legally registered			
			Year State				

Is the automobile required by, or customarily used in the occupational duties of any person except in going to and from the principal place of occupation? _____

Is the automobile customarily used in driving to or from work? _____

If the automobile is customarily used in driving to or from work, how many road miles is the car driven one way? _____

How many male operators (including insured) are under age of 25? _____

Age of each: _____ Relationship _____

Are any of the male operators under 25 owners, or principal operators, of the automobile? _____ Are all male operators under 25 married? _____

Does your car have extra equipment? _____

☐ Air Conditioner ☐ 2-Way Telephone ☐ Radio Comm. System ☐ Other: _____

Name _____

Rank _____

Serial No. _____

Military Address _____

If car not at above address, give location of car _____

☐ Active - Regular ☐ Retired - Regular ☐ Retired - Reserve ☐ Extended active duty
☐ Inactive, but retaining commission ☐ Widow of eligible officer

U. S. ARMY ORDERS

Wilber M. Brucker—Secretary of the Army
Hugh M. Milton, II—Under Secretary of the Army
Dewey Short—Assistant Secretary (Manpower & Reserve Forces)
Courtney Johnson—Assistant Secretary (Logistics)
George H. Roderick—Assistant Secretary (Financial Management)
Richard S. Morse—Director, Research and Development
General Lyman Lemnitzer—Chief of Staff

GENERAL OFFICERS—

Lt General

Galtner, Ridgely, Quarry Heights, CZ, to Hq Second USA, Ft Meade, for dy as CG. Sink, Robert F, Ft Bragg, to USA Elm Hq Caribbean Comd, Quarry Heights, CZ, for dy as CInC, Caribbean Comd. Trappnell, Thomas H, USARPAC, to Hq XVIII Abn Corps, Ft Bragg, for dy as CG US ARADCOM.

Major General

Wood, Robert J, Wash, DC, to USAREADCOM, Ent AFB, Colorado Springs, for dy as CG, US ARADCOM. Heath, Louis T, Sandia Base, NMex, to Hq USCONARC, Ft Monroe.

General Officer Appointments

To Brig Gen, RA

W/DR as indicated:

Woolnough, James K, Inf, 7 May 60. Hewitt, Robert A, Arty, 8 May 60. Wheeler, Earle G, Inf, 9 May 60. Johnson, Dwight B, Arty, 10 May 60. Beach, Dwight E, Arty, 11 May 60. Truman, Louis W, Inf, 12 May 60. Fischer, Harvey H, Inf, 13 May 60.

INFANTRY—

Colonel

Bingham, Sidney V, Jr, Wash, DC, to USA Elm MAAG Vietnam, Saigon. Sage, Jerry M, Carlisle Bks, to Hq MDW, Wash, DC.

Colvin, George T, Ft Leavenworth, to USA ADGRU Korea, Yongsan.

To Off Stu Det Hq & Hq Co, USALS, Presidio of Monterey

Gerot, Joseph O, Dayton, O. Clark, Theodore S, Sacramento, Calif.

Lt Colonel

Wheeler, Thomas R, Sandia Base, NMex, to USARAL. Welch, Gene R, Ft Holabird, to USA ADGRU Korea, Yongsan.

To Germany

Reynolds, James H, Mobile, Ala. Kennedy, Henry A, Ft Lawton.

Major

Pico, Thomas M, Wash, DC, to Hawaii.

To Germany

Dance, Eugene A, Monterey, Calif. O'Brien, William J, Durham, NC. Bressler, Dean M, Ft Ord. McRoberts, William N, Ft Jackson.

Captain

Bannister, Edward J, Stillwater, Minn, to USA Elm MAAG, Ethiopia, Addis Ababa. Stampley, Charles D, Monterey, Calif, to Stu Det USACGSC, Ft Leavenworth, w/sta Ecole d'Etat-Major, Paris, France. Jeffers, Sam F, Jr, Ft Knox, to USA Elm MAAG, Vietnam, Saigon. Jessup, John E, Jr, Monterey, Calif, to OAC-SI USA, Wash, DC. Sellin, Jack D, Ft Sill, to USARAL. Carey, Milton G, Monterey, Calif, to Hq 7th Sp Forces, Ft Bragg. Dierdoreff, H Beecher, Jr, Ft Rucker, to Hq VIII Corps, Austin. Miller, Harvey F, Ft Rucker, to USA Cml Corps Pr Gr, Dugway, Utah.

Col. Shaunesey Commands Giessen Supply Center

Col. Charles A. Shaunesey, Jr., former Chief, Supply Division, Army Quartermaster Supply Center, Giessen, Germany, and Deputy Center Commander, has assumed command there.

He is a USMA '40 graduate with a MBA from Harvard Graduate School of Business Administration.

With Colonel Shaunesey in Giessen are his wife, Phyllis, and their daughter, Dona.

To Germany

Coleman, Donald E, St Louis. Huff, Richard A, Ft Carson. Kennedy, Marvin J, Ft Ord. McCaul, Ronald S, Ft Carson. Roper, John W, Ft Jackson. Wheatly, Leonard S, Ft Sill. Smith, Lowell H, Ft Lewis. Nelson, Robert E, Jr, Murfreesboro, Tenn. Jeans, Phillip C, Ft Lewis. Downes, Thomas W, Jr, Ft Rucker. Farwell, Faris T, Ft Ord. Forbes, Charles H, Ft Gordon. Fry, Robert W, Ft Lawton. Greenwood, Dean A, Ft Sheridan. Grigg, Kenneth C, Ft Gordon. Howell, Robert P, Ft Lewis. McDaid, Edward J, Ft Knox. Guanzon, Rafael L, Schofield Bks, Hawaii. Dipppo, Frank H, Jr, Ft Devens. Canty, Joseph A, Jr, Ft Sam Houston. Seay, Thomas D, Jr, Ft Campbell. Abella, Godofredo A, Ft Gordon. Curtis, Eugene L, Grand Forks, NDak.

Signal Center Shifts Planned

The Army Signal Training Command will be established 1 July at Ft. Monmouth, N. J. At the same time, other Signal Corps Agencies will be regrouped.

Activities assigned to the new Training Command will be the Army Signal School and the Army Signal Training Center, Ft. Gordon, Ga. The Center was previously under direct supervision of the Office of the Chief Signal Officer. The commander and staff now at Ft. Monmouth will assume this function in addition to their present mission. Staff supervision over the training functions will continue as the responsibility of the Chief, Personnel and Training Division, Office of the Chief Signal Officer. Policy guidance will be furnished by the Chief, Personnel and Training, who is program director.

The Army Signal Materiel Support Agency will be a consolidation of old agencies under the revised name. The Materiel Support Agency will absorb the functions of the Army Signal Equipment Support Agency and of the Army Signal Publications Agency.

The Monmouth Procurement Office will be attached for Administration to this newly created Agency; however, the former working relationships of the Procurement Activity and its supervision and command by the U. S. Army Signal Supply Agency in Philadelphia, Pennsylvania, will remain essentially the same.

The Chief, Procurement and Distribution Division, Office of the Chief Signal Officer, will continue to exercise staff supervision over the Army Signal Materiel Support Agency as well as the Army Signal Supply Agency.

The Army Signal Research and Development Agency is also a regrouping of previous functions. This Agency will consist of the Army Signal Research and Development Laboratory, the Army Signal Research Agency, and the Army Signal Operations Agency. The Chief, Research and Development Division, OCSigO, will continue to exercise staff supervision. The Research and Development Agency mission will include those of USASRD, the Army Signal Research Agency and Army Signal Operations Agency.

ABERDEEN EXEC

Col. Henry Kirkpatrick is the new Executive Officer of Aberdeen Proving Ground, Md., under Brig. Gen. John H. Weber.

Colonel Kirkpatrick is married to the former Rita Maureen Malone, of Los Angeles. They have two children, Steven, 12, and Mary Claire, 4.

Razey, Claude L, Ft Bragg.

Roth, Homer E, Ft Ord.

Sarazen, John J, Chicago.

1st Lieutenant

Clack, Edward L, Ft Hood, to USA Cml C & Cml C Mat Comd, Army Cml Cen, Md. Pletsch, Robert C, Ft Jackson, to USA Cml C Tng Comd, Ft McClellan.

Army Navy Air Force Journal 5
28 May 1960 (Vol. 97, P. 1093)

Masson, Ronald D, Ft Carson, to USA Armor Cen, Ft Knox.

To USARCIB (Panama)

Meeks, Ronald C, 101 Abn Div, Ft Campbell. Smart, Lee D, USAIC, Ft Benning.

From Ft Ord:

Strickland, Robt D Sanford, Samuel S Rosenthal, Wm E White, Jennis W, Jr

To Korea

Kalura, Henry T, Schofield Bks, Hawaii. Rogers, James D, Ft Lewis.

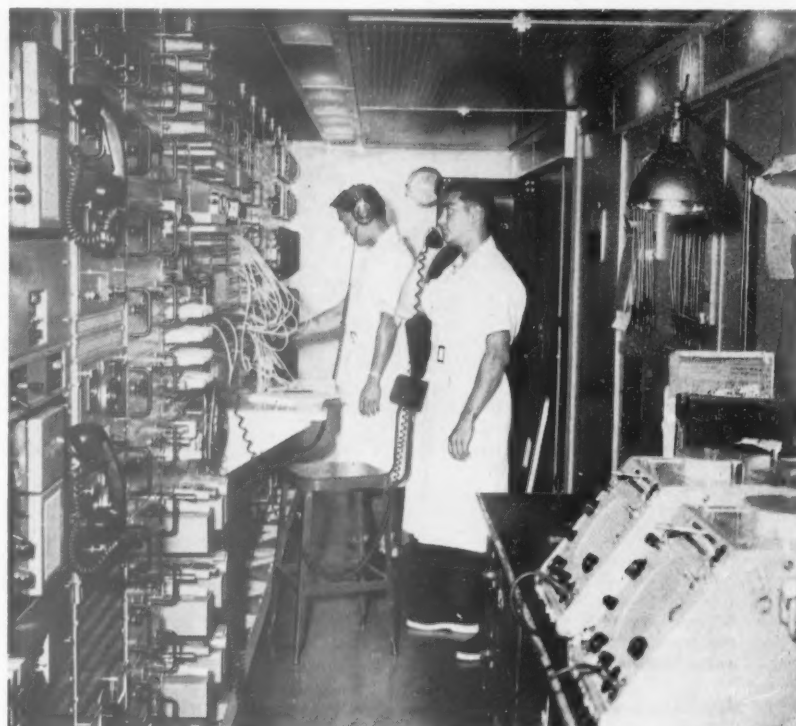
2d Lieutenant

McCloy, Robert J, 3d, Ft Jackson, to USA Inf Cen, Ft Benning.

To USARCIB (Panama)

Nichols, James M, Jr, Ft Jackson. Engeldinger, James C, Ft Dix.

—Continued on page 15



SPACE TRACK AROUND THE CLOCK!

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MOVING?
NEPTUNE

U. S. NAVY ORDERS

William B. Franke—Secretary of the Navy

Fred A. Bantz—Under Secretary of the Navy
James H. Wakelin, Jr.—Assistant Secretary (Research & Development)
Cecil P. Milne—Assistant Secretary (Material)
Richard Jackson—Assistant Secretary (Manpower, Personnel & Reserve Forces)
Admiral Arleigh A. Burke—Chief of Naval Operations

CAPTAIN

Abbot, James L. Jr., USNA Annapolis; to CO USS Valcour.
Allis, Frederick A. (SC), ONM NavDept; to XO NSD Philadelphia.
Baranowski, John J., CO Navy Rocket Test Sta Lake Denmark Dover; to BuWeps.
Baranowski, Walter J., CO USS Arcadia; to SupShip Bath Iron Works.
Barnes, Robert C., JStaff CinCPac; to NaSp-WpnsFac Kirtland AFB.
Barnwell, Joseph B. (CEC), PWO NavSta Key West; to Hq USMC Henderson Hall Arlington.

POLARIS SKIPPERS:

Cdr. Perry Leads Roosevelt Gold Crew

Cdr. Oliver Hazard Perry, jr., has been named Gold Crew Commanding Officer of the Fleet Ballistic Missile submarine Theodore Roosevelt.

Reporting from the Office of the Assistant Director for Naval Reactors, Division of Reactor Development, AEC, Washington, D. C., Commander Perry shares co-command of the 5400-ton Polaris ship with Cdr. William E. Sims, skipper of the Blue Crew.

Cdr. Paul L. Lacy, jr., has been posted as Blue Crew Commanding Officer of the Ethan Allen, lead ship in the 6900-ton class of Polaris submarines.

A Gold Crew skipper for the Ethan Allen has not yet been named.

In another nuclear powered submarine change-of-command, LCdr. Joseph L. Skoog, jr., becomes skipper of the attack submarine Skate.

He reports from command of the Navy Nuclear Power Training Unit, Idaho Falls, succeeding LCdr. Edward W. Cook.

The Navy has not yet reassigned Commander Cook.

Barry, Walter J., CO USS Arcadia; to ComDesRon 36.
Bierley, John R. (MC), DivSurg 3dMarDiv (Reinf); to ForTrps FMFPac.
Bowen, Harold J. (MC), Staff ComServLant; to ChFidBr BuMed Brooklyn.
Burke, Julian T. Jr., ComSubDiv 63; to USNA Annapolis.
Carter, Robert W. (SC), BuSAND; to SupOff MCAS Cherry Point.
Cone, Davis, BuPers; to CO USS Capricornus.
Cotten, John H., CO USS Compass Island; to CO USS Galveston.
Dewey, Irving D., CO USS Fort Snelling; to ACofS for Plans and Tng ComPhibGru Two.
Dobronte, Frank (DC), NavDisp NavDept; to NavDentalScol NatNavMedCen Bethesda Md.
Dowdell, James S., Ofc of Info NavDept; to 12ND.
Dwyer, Carl R., Canadian NatDefCol Kingston Ontario DuIns; to OpNav.
Fallis, Frederick F. (SC), ArmedForSupply SupCen WashDC; to BuWeps.
Frauenheim, Gilbert J., CO USS Chemung; to AsstCh of NavPers for Prop Mgt BuPers.
Gardes, Alfred W. Jr., OpNav; to CofS and Aide ComPhibGru Four.
Greene, Howard J., AIUSLO Hamburg; to CO USS Fort Snelling.

—Continued on page 22

RAdm. Cooper Will Head Pacific Training Command

RAdm. Joshua W. Cooper, Amphibious Group Three Commander, will become Commander of the Pacific Fleet Training in August, succeeding RAdm. Vernon L. Lowrance.

RAdm. Bernard F. Roeder, Deputy Director, Naval Communications for Naval Security Matters, and Head, Naval Security Group, relieves Admiral Cooper in June.

New assignments for Admirals Lowrance and Roeder have not yet been announced.

Marines Choose 39 For Post-Graduate Work

A Marine Corps selection board has chosen 39 officers for postgraduate training in Fiscal Year 1961.

The total includes four lieutenant colonels, nine majors, 22 captains and four first lieutenants.

Their names, and the schools they will attend, are:

NAVAL POST-GRADUATE SCHOOL, MONTEREY, CALIF.

Aeronautical Engineering (Avionics) — Lieutenant Colonel Robert J. Barbour; Captains Carl J. Beave, William E. Morgan and Miguel E. Bustamante.

Aeronautical Engineering (General) — Captains Erin D. Smith, Robert E. Howard, Jr., Clayton L. Comfort, Bob W. Farley and Alfred E. Stark.

Engineering Electronics—Maj. Robert F. Werner; Captains John C. Gonzalez and Stanley D. Cox; First Lieutenants Thomas J. Lapham, Theodore W. Taylor, Jon D. Hollabaugh and William R. Murray.

Nuclear Engineering (Effects) — Maj. William F. Dyroff; Capt. Samuel E. D'Angelo.

Ordnance Engineering (Weapons Systems)

—Maj. Edwin M. Rudzisz; Captains Robert W. Oliver and Warren P. Kitterman.

Communications Engineering—Maj. Marvin A. Skeath, Jr.; Capt. Richard E. Kutz.

Navy Management/Freight Transportation —Captains Ray H. Bell and William M. Sullivan.

Navy Management — Maj. James R. Gallman; Captains Clement O. Buckley and Edward H. Utley.

RESSELAER POLYTECHNIC INSTITUTE, TROY, N. Y.

Management and Industrial Engineering—Lt. Col. David W. Schumaker; Maj. Robert L. Allen.

THE GEORGE WASHINGTON UNIVERSITY, WASHINGTON, D. C.

Comptrollership — Lieutenant Colonel Bernard B. Boreas and Richard H. Pierce; Major Rex A. Deasy; Captains Andrew E. Hare, Daniel J. Ford, Victor A. Ruvo and Robert E. Benson.

STANFORD UNIV., PALO ALTO, CALIF.

Personnel Administration and Training—Majors Albert W. Snell and Crawford B. Malone.

U. S. MARINE CORPS ORDERS

Commandant—General David M. Shoup

Assistant Commandant—Lt. Gen. John C. Munn

Chief of Staff—Lt. Gen. Wallace M. Greene, jr.

COLONEL

Creal, Albert, FMFLant, to LFTULant.
Haake, Arthur H., HqMC, to Ofc JAG, West Coast, San Bruno, Calif.
Kolb, Karl W., 9th MCRRD, MCB CamPen.
Walker, Robert C., 2d Mar Div, to 9th MCRRD.
Winstead, Edwin G., CINCPac, to 2d Mar Div.
Timsley, James H., HqMC, to MCRDep PI SC.
Vogt, August, L., MCRDep, to Comd Industrial College.
Adelman, Merritt, LdgForTraULant, to MB NB Gtmo.
Bray, William T., MCS, Quant, to HqMC.
Collier, Robert E., MCS, Quant, to MCB CamPen.
Jones, John H., 8th MCRRD, to LFTULant.
Kelly, Bernard T., 1st Mar Div, to MCB CamPen.
Mallard, John F., Paris, France, to Hq MC.
Flake, William L., Wash, DC, to 8th MCRRD NRIns.
Parks, Horace C., PhibGru 3, to MCB CamPen.
Randall, David S., ForTrps FMFPac, to MCS, Quant.

LT COLONEL

Nichols, Warren P., College Park, Md, to MAD NAATC NAS, CorpC.
Scantling, Frederick H., Detroit, to FMFPac.
Schumaker, David W., Hq MC, to NROTCU Rensselaer Polytechnic Inst, Troy, NY.
Simmons, David H., Yokosuka, to NAS Atsugi, Japan.
Wegley, Don E., 2d MAW, to USA C&GSU Col, Ft Leavenworth.
Boreas, Bernard M., HqMC, to Geo Washington Univ, Wash, DC.
Hoffman, Carl W., HqMC, to AWC, Carlisle Bks.
Batdorff, Richard W., 2d MAW, to 1st Mar Div.
Hise, Henry W., 1st MAW, to NWC NPT.
Porter, Mervin B., LGDFOR TraUPac, to MARTD MARTC NAS LOSALAM, LBeach.
Krippner, Robert M., MCS, Quant, to MB Flt Acty, Yokosuka, Japan.
McNeil, Monroe E., MCS, Quant, to 2d Mar Div.
Akstin, Anthony A., Stf CamPhibLant, to 2d MAW.

To 3d Mar Div

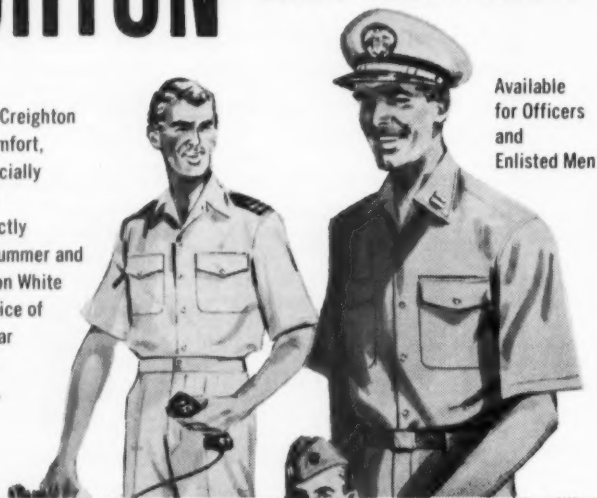
Kohler, William J., FMFLant.
Randall, Thomas L., MCS, Quant.

—Continued on next page

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Direct Vocal Link From CMC To Troops Foreseen As New Radios Join Marines

"The day is not far off when the Commandant will be able to speak directly to the entire Corps at once," a Marine Headquarters communications expert predicted in an interview with THE JOURNAL.

Such direct vocal messages by General David M. Shoup to troops scattered throughout the world will be made possible when the Corps receives large numbers of the single-sideband, ultra-high frequency, AN/TRC-75 radio set.

The Corps has embarked on a program of developing a complete family of single-sideband radios to meet the necessity for dispersion on the atomic battlefield. All programmed models are required to dovetail with the Corps' vertical envelopment doctrine calling for helicopter-transportable equipment. The advent of nuclear weapons and the consequent introduction of the helicopter as a prime mover of troops means that Marine Corps forces must fight from widely scattered points. The Corps no longer can rely on the AN/MRC-6 which was designed in the early 30's. The AN/MRC-6's 15 to 25-mile range falls far short of the requirement needed for coordinating the movements of assault Marines operating at great distances from one another.

To overcome the communications problem implicit in tactical dispersion, the Corps has adopted the Air Force ARC-58 radio for use on the regimental and higher level of operations.

The chief Marine Corps version of the AN/ARC-58, which has a practical field range of about 100 miles, is the AN/TRC-75, developed by Collins Radio Corp. AN/TRC-75 is specifically tailored to meet Marine Corps needs. Simple to operate—a man can be trained to use it in about five minutes—AN/TRC-75 is copter-transportable and easy to maintain. Its chief advantage lies in its modularized construction which permits immediate repair in the field. Any combat Marine can be taught to replace defective or damaged modules in a short time.

A subsidiary benefit resulting from the shift to modularized radios is that the Corps will not be required to send large numbers of men to formal radio and communications schools. This means that more enlisted men can be assigned

to the firing line.

Another version of the AN/TRC-75 is the jeep-mounted AN/MRC-83.

Taken together, AN/TRC-75 and AN/MRC-83, constitute "a pretty fantastic piece of equipment," the Headquarters spokesman said. "For the first time, we have real communications between commanders."

In addition to transmitting voice, the AN/TRC-75's and AN/MRC-83's are capable of handling CW (code) and teletype messages.

Although the radios are designed pri-

marily for tactical operations in the field at ranges about 100 miles apart, they could be used for around-the-world communications, the Headquarters specialist said, "if proper antennas were installed. This would make it possible for the Commandant to pick up a microphone and speak to the entire Corps."

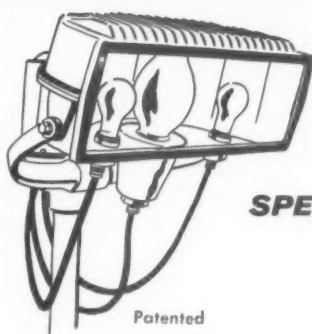
The Marine Corps already has about 30 of the sets "on the bench" which soon will be put into the field for experience. The AN/TRC-75's and AN/MRC-83's are continually being fed into the Corps' communications inventory.

Ultimately, between 500 and 600 sets will be delivered.

Another version of the Collins AN/TRC-75 that will be introduced into the Marine Corps this year is the AN/TSC-15. This type is reported as having "tremendous capabilities" and will be helicopter-transportable. It is seen as providing communications at the command level on the division, and Fleet Marine Force levels.

The Marine communications expert revealed that the Corps has under de-

—Continued on page 33



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Marine Orders

From preceding page—

To MCS, Quant

Allen, Paul L, MCAS, CherPt.
 Cummings, Daniel L, MCAS, CherPt.
 Lupton, Edward I, Beaufort, SC.
 Dees, Harry C, FMFLant.
 Graves, James B, NAS, CorpC.
 Mickelson, Laurel M, NAS, Pncla.
 Carrington, George W, Jr, 2d Mar Div.
 King, George W, MCR Dep, PI SC.
 Mesko, John, MCR Dep, PI SC.
 Stockwell, Thomas D, Jr, MCB, CamLej.
 Pope, Eugene J, MCB, CamLej.
 Farish, George B, Tsoying, Formosa.
 Jerue, George E, 1st MCRRD.
 Johnson, Carl H, 1st MCRRD.

From 2d MAW:

Hansen, John E, Witt, W T, Jr
 McCaleb, E H, 3d, McBarron, Alden
 Sabatier, Henry S

From 3d MAW:

House, Charles A, McClane, George E
 Mahon, John L, Moos, Kenneth L

To 1st MAW

Barker, Edward L, 2d Mar Div.
 Whitaker, William H, NAS, Atlanta.
 Fought, Robert T, HqMC.

To HqMC

Lawrence, George E, Seoul, Korea.
 Stewart, Roger A, Grosse Ile, Mich.
 Olson, Donald T, AFSC, NorVa.

To AFSC, NorVa

From 2d MAW:

Finlayson, Edwin H, Kew, George D
 Kersey, Robert W

MAJOR

Barber, Stewart C, Bangor, Wash, to Municipal Univ of Omaha, Nebr.
 Goode, Charles L, FMFPac, to USA Engr
 Scott, Ft Belvoir.
 Kapach, Joseph R, 2d Mar Div, to MCB CamLej.

—Continued on page 20

Air Force Sets 12 Years For Promotion To Major; Commands Told How FY '61 Program Will Be Implemented

THE Air Force has released instructions—published herewith in full text—concerning fiscal '61 temporary promotions to major.

Primary zone consideration criteria are 12 years Promotion List Service for Regulars and Active Federal Commissioned Service for Reserve officers.

Also required are two years active duty time in grade.

The selection opportunity will be 80%. Secondary zone consideration will include all officers have 10 and 11 years service, providing they also have four years active duty in the grade of captain.

Here is the text of the Air Force instructions:

BOARD DATES. The Headquarters USAF Selection Board convenes 6 September 1960. The Central Temporary Selection Board convenes 17 October 1960.

COMMAND ASSIGNMENT CUT-OFF DATE: 31 May 1960.

Eligibility:

Primary Zone. Two years in active duty grade of captain as of 31 December 1960 plus:

(1) Regular Officers—PLSD on or before 31 December 1948.

(2) Reserve Officers—TAFSCD on or before 31 December 1948. (Exception: Reserve officers designated as Judge Advocate, TAFSCD on or before 31 December 1951.)

Secondary Zone. Four years in active duty grade of captain as of 31 December 1960 plus:

(1) Regular Officers—PLSD on or before 31 December 1950.

(2) Reserve Officers—TAFSCD on or before 31 December 1950. (Exception: Reserve officers designated as Judge Advocate, TAFSCD on or before 31 December 1953.)

Ineligible Officers. The following categories of officers will be ineligible for consideration.

a. Regular Air Force Officers in a deferred status under Section 8303, Title 10, United States Code and those officers removed from selection lists by the President.

b. Reserve Officers in a deferred status under Section 8368 or Section 561, Title 10, United States Code and those officers removed from selection lists by the President.

c. Any officer who has a scheduled date for release from active duty, separation or retirement, which is within two years of the date of the convening of the Central Selection Board.

Secondary Zone Nomination. Consideration in the secondary zone will be by major command nomination only. Major commands will consider for nomination to Hq USAF all secondary zone Line of the Air Force officers assigned as of the cut-off date, excluding student officers assigned in PCS status to Air University and patients assigned to a hospital squadron in a pipeline status. Commanders will convene selection boards at an early date to insure that nominations reach Hq USAF (AFPM-4A) not later than 29 July 1960. Major commands are authorized to retain the command personnel records of

eligible officers reassigned from their commands with an EDCSA after the assignment cut-off date. The provisions of paragraph 3a, Chapter 6, AFM 35-9 are suspended for this action.

A selection board will be convened in Hq USAF on 6 September 1960 to consider those secondary zone officers not considered by major commands for nomination to the Central Selection Board.

Method of Selection and Quotas. Selection will be by a Hq USAF Board using the "Best Qualified" system for both zones. Primary and secondary zone officers will compete separately for promotion. The primary zone quota is 80% of the number of officers eligible for the first time. The secondary zone quota for the Central Selection Board is eight per cent of the primary zone newly eligible officers. No officer will be selected for promotion unless, in the opinion of a majority of the Central Selection Board members, he is fully qualified to serve in the higher grade.

Command Selection Quotas. Each convening authority will be furnished a secondary zone nomination quota not later than 8 July 1960.

Reporting and Nominating Procedures. Volume II, AFM 171-5, AF P-85 has been published to facilitate reporting procedures required in the revised promotion program. The provisions of this volume will be complied with.

a. **Primary Zone.** Major Air Commands will submit to Hq USAF (AFPM-4A) not later than 5 July 1960 the number of officers newly eligible in the primary zone assigned as of the cut-off date. Officers eligible in primary zone during FY 60 but not promoted will not be included in the primary zone numbers report for FY 61. The number of eligible officers in the secondary zone as of the cut-off date will also be reported. Major commands will submit to Hq USAF (AFASC) not later than 5 August 1960 alphabetical machine rosters and punch cards of all officers in the primary zone assigned as of the cut-off date. Rosters will be annotated to indicate officers who are ineligible (reference paragraph 4a, b and c above). Officers in patient pipeline status will be included. AU will include PCS students; CONAC will include officers assigned to Selective Service and AAC will include Air Force officers assigned duty with CINCAL.

Secondary Zone:

(1) The number of officers nominated may not exceed established quotas.

(2) Final board reports will be submitted in duplicate, in alphabetical sequence and contain the names of all officers. Officers selected to fill the nomination quotas as established in paragraph 6, will be identified as will officers not nominated and those not considered. Each board report will contain a statement reflecting the total number of eligible officers within the secondary zone, number nominated and the names of those considered and reason for non-consideration.

(3) Addressees will submit to Hq USAF (AFASC) not later than 29 July 1960 alphabetical machine prepared rosters and punch cards of all Line of the Air Force officers assigned in patient pipeline status eligible

for consideration in the secondary zone. AU will submit separate rosters and cards on PCS students, CONAC will submit separate rosters and cards on officers assigned to the Selective Service. AAC will submit separate rosters and cards on Air Force officers assigned duty with CINCAL to be considered by the Hq USAF Board.

(4) CAIRC, Hq COMD, AFAFC and USAFA will submit to Hq USAF (AFASC) not later than 29 July 1960 alphabetical machine prepared rosters and punch cards of all Line of the Air Force officers assigned their command on the effective cut-off date who meet the criteria for consideration for promotion in the secondary zone.

Promotions. To the extent that grade vacancies permit, selected officers will be promoted on a common date during the second quarter of FY 61. New dates of rank will be back dated to maintain for regular officers their relative standing on the Regular Air Force Promotion List. Reserve officers selected for promotion will be integrated into the selection list using the TAFSCD. The name of the Reserve officer will be placed immediately below that of his most junior Regular Air Force counterpart. If sufficient grade vacancies do not exist to accommodate all selected officers on the common promotion date, the remaining officers will be carried on the Selected List and promoted as additional vacancies become available.

AF HOT SHOT

Col. Jacob W. Dixon, Tyndall AFB, Fla., Commander was declared the Air Defense Command Grand Champion in the pistol competition in "Operation Top-shot."

He took the 45 calibre championship, was a close second in the 22 calibre championship, and had an overall aggregate score of 2526 with 51xs. Airman Second Class Richard D. Libby, 33rd Air Division, Richards-Gebaur AFB, Mo., the meet darkhorse, on the final day won second place. His 2512 and 57xs beat out S/Sgt. Jack D. Taylor, 25th Air Division from McChord AFB, Wash. Sergeant Taylor beat out Colonel Dixon for the 22 calibre championship by a matter of xs (dead centers) on the target.

Grand team champions were the 4600 ABW from Ent AFB Colo. They took the 22 calibre center-fire and 45 calibre championships. Their closest competitors were the second place Tyndall team, representing the 73rd Air Division, and the third place 33rd Air Division team from Richards-Gebaur AFB, Mo.

The All-Air Force matches will be held at Lackland AFB, Tex., 6-11 June.

U. S. AIR FORCE ORDERS

Dudley C. Sharp—Secretary of the Air Force

Joseph V. Charyk—Under Secretary of the Air Force
Philip B. Taylor—Assistant Secretary (Material)
Lyle S. Garlick—Assistant Secretary (Financial Management)
Courtland Perkins—Assistant Secretary (Research & Development)
General Thomas D. White—Chief of Staff

LIEUTENANT GENERAL

Tanner, (MajGen) William H, fr Scott AFB & ret in gr of LtGen, eff 31 May.

MAJOR GENERAL

Wray, Stanley T, fr Wright-Patterson AFB, to OSAF, Hq USAF, Wash, DC, for dy as Dir, SAF Personnel Council.
Holzapfel, Joseph R, Wright-Patterson AFB, fr dy as Dir, Systems Mgmt, WADD, & asg dy as Comdr, WADD, eff on dep Maj Gen Wray.

BRIGADIER GENERAL

Culbertson, Allman T, fr Holloman AFB, to Hq WADD, ARDC, Wright-Patterson AFB, for dy as Dir, Sys Mgmt, NLT 1 Aug.

Temporary Promotions

To Brigadier General

Jenkins, Raymond T, w/DR 28 Apr.

COLONEL

Spencer, Norman C, jr, Robins AFB, to Hq AMC, Wright-Patterson AFB.
Taylor, Henry J, Lockland, O, to Eastern Contract Mgmt Region, AMC, Middletown, Pa.
Kutschera, Walter F, Robins AFB, to 1141st Sp Actys Sq, Hq Comd USAF, APO 55, NY.
Fox, John E, Keesler AFB, to APO 120, NY.

Fr Wash, DC to Sta Indicated

Arling, Wilbur W, Hq AFMTC, ARDC, Patrick AFB.
Kenny, Thomas F, jr, Hq OCAMA, AMC, Tinker AFB.
Mears, James F, Hq 801st Adiv, SAC, Lockbourne AFB.
Zachmann, Robert F, Hq 1st Msl Div, Vandenberg AFB.
Brewer, Joseph C, dy sta Det 2 (SHAPE Allied AF Centr Europe), APO 11, NY.
Sheetz, Lawrence C, Hq European-African-Middle Eastern AACS Area, MATS, APO 332, NY.
Pyle, Clifton, Hq 4310th Adiv, SAC, APO 30, NY.
Exon, Arthur E, Hq USAFE, APO 633, NY.

B/G Terrell To Tyndall

Brig. Gen. Frederick R. Terrell will take command of the 73d Air Division at Tyndall AFB, Fla., early in July. He will replace Brig. Gen. Milton H. Ashkins, reassigned to MAAG duty in Germany.

General Terrell, USMA '36, is presently the Commander of the 64th Air Division at Peppercorn AFB, Newfoundland. He is the son of Mrs. Jessie Reynolds Terrell and the late Lt. Col. Frederick B. Terrell of South Pasadena, Calif. General Terrell and his wife, the former Miss Annie Lee Lancaster, have two children, Priscilla Anne and Frederick Keynon.

Col. Van Sicklen Leads SAC's 42d Air Division

Col. Norton H. Van Sicklen, 3d, has been named Commander of the 42d Air Division at McConnell AFB, Kans.

Commander of the 55th Strategic Reconnaissance Wing at Forbes AFB, Kan, he will succeed Brig. Gen. Kenneth O. Sanborn, who will depart in July for his new assignment as Commander, Task Force 13 (Prov.) and Chief, Military Assistance Advisory Group on Formosa.

Col. W. D. Kyle, jr., Deputy Commander of the 55th SRW, will take command of that organization following departure of Colonel Van Sicklen.

Nix, William E, Hq 16th AF, SAC, APO 283, NY.
Stealy, Edward J, Hq USAFA, Colo.
Strickland, Eugene L, Hq 81st Tac Ftr Wg, USAFE, APO 755, NY.

LIEUTENANT COLONEL

King, John C, Brookley AFB, to Hq AMC Centr Contr Mgmt Region, AMC, Wright-Patterson AFB.
Harrison, Morgan R, Air Def Sector, Duluth, to 1170th Fgn Msn Sq, MAP, APO 63, SF.
Atkins, Henry V, Robins AFB, to dy w/Single Mgr Agcy for Clothing & Textile, Phila QM Dep.
Barton, John R, Stewart AFB, to dy sta Det 4 (Ecuador Msn), Quito.
Kekoa, Curtis, Ent AFB, to Det 4, 1137th USAF Sp Actys Sq (Hq Comd USAF), FPO 128, SF, for dy/CinCPAC Stf as Plan Ofcr, J-5 Div.

Coles, John E, Keesler AFB, to Ent AFB.

Fr Wash, DC to Sta Indicated

Mills, Thomas H, 1127th USAF Fld Acty Gp, Hq Comd USAF, Ft Belvoir.
Stieg, Carl L, Hq AMC Ballis Msl Cen, AMC, AF Unit PO, Los Angeles.

MAJOR

Whittle, Albert R, Robins AFB, to Hq AMC, Wright-Patterson AFB.
Gonzalez, Santiago, Brookley AFB, to C&GSC, AU, Maxwell AFB.
Jeffers, Dale S, Robins AFB, to dy sta AMC Msls Fld Ofc, Topeka, AFB.
Dunn, Henry J, jr, Redstone Arsenal, to Army C&GSC, Ft Leavenworth.
Little, Rodger W, Marietta, Ga, to Hq AMC Centr Contr Mgmt Region, Wright-Patterson AFB.

Fr Wash, DC to Sta Indicated

McDonald, James L, Hq USAFE, APO 633, NY.
Byrne, George T, Hq AFSWC, ARDC, Kirtland AFB.
Walsh, James J, Hq 7101st AB Wg, USAFE, APO 332, NY.

—Continued on page 11

Pentagon Outlines New AF Program For Promotion Of Reserve Generals

THE Defense Department has asked Congress to approve a new general officer promotion plan for Air Force Reservists.

It is expected that the proposal will be considered by the Senate Armed Services Committee for inclusion in the ROPA amendments bill already passed by the House. This would mean that House consideration of the plan would be confined to a conference meeting on the ROPA bill, thus assuring final action during the current Congress.

The proposal, designed to counter Senate criticism of past Air Force practices in the promotion of Reservists to general officer rank, would:

• Set a ceiling of 157 on the number of USAFR officers who can be promoted to general officer grades.

• Eliminate officers considered for star-rank from present provisions of law which require consideration in order of seniority.

• Permit promotion of only those officers assigned to the duties of general officer "and such others as have been determined to be available by the Secretary

and who meet standards prescribed by him."

• Provide that when a Reserve general officer is no longer assigned to the duties of a general officer of his grade, or when he is released from active duty and is not assigned to such duties in the Reserve or Air National Guard, he shall be transferred to the Retired Reserve or to an inactive status, or be discharged.

• Preclude promotion of a Reserve officer, promoted while on active duty and serving in the temporary grade of brigadier or major general, who at the time of his release had not completed the minimum amount of service for promotion to the reserve grade equivalent to that temporary grade. Such promotions would be barred regardless of grade vacancies.

In sending the proposal to Congress, Acting Secretary of Defense James H. Douglas said the recommended changes "were derived from the recommendations made by a committee of officers appointed by the Secretary of the Air Force to study Air Force policies on the administration and promotion of Reserve general officers."

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page 11

At 00:00:01 GMT, May 1, 1960, Martin logged its 523,692,000th mile of space flight



To keep the lonely vigil . . . Martin PM-1 air-portable nuclear reactor, to supply electricity and heat at remote Air Force stations, is now being developed and produced for the AEC.

MARTIN

General White Tells AF Budget Details

From first page—

pay. For each additional year of rated service, up to 20, officers would continue to accrue 5% for each year of rated service. Maximum accrual would be 100% at the 20 year point. Those with less than five years' rated service would lose all flight pay if dropped from flying status.

General White said the Air Force is "highly in favor of the legislative proposal" and believes it will "provide an efficient and orderly method of aligning the rated inventory with valid and justifiable requirements."

Under questioning by members of the Senate Military Appropriations Subcommittee, the Chief admitted that the Air Force has "more pilots than are required under our present force structure." But, he declared, it would be "manifestly unfair to abruptly take these people off flying pay."

General White asked that \$13.2 million of a \$21.5 million House cut in Air Force proficiency flying funds be restored. He said the Air Force will be able to save about \$8 million through a "reduction in the normal proficiency flying activities of approximately 3,000 rated officers during fiscal year 1961, approximately 1,000 of whom would be in the 'over twenty' category."

This reduction will be effected, he said, by tentatively identifying "officers who would be placed under an accrual system" in event such legislation is enacted, and relieving officers so identified "from the requirement to maintain flight proficiency, in the conventional sense of the term." He said the selected officers "will be required instead to maintain only a limited familiarization with flying problems" requiring them to fly only the "minimum number of hours necessary" to comply with present rules governing hazardous duty pay.

At the same time, the Air Force also will use "to a greater extent," he said, the present authority to waive flying requirements for officers with over 20 years' rated service.

Although the Air Force has about 1,000 rated officers in the over-20 category, General White said many "are in key positions which require that they remain on active flying status. The majority of rated officers that the Air Force needs to place in specialized non-rated positions do not have 20 years rated service."

The House-approved military appropriations bill limits the number of officers who can remain on flying status to 97,546. This "arbitrary ceiling," General White said, "would require the grounding of 3,632 officers by 1 July 1960."

He said there is no way of knowing, at present, how much of the cut would have to come out of the Air Force, but he estimated that it probably would be "2500 of the total."

Recalling that the Air Force, within the past six months, selected 2107 officers for removal from flying status, General White said he revoked the "radical" action because it would have caused the Air Force to "lose many highly trained officers that it sorely needs" and because it became apparent that the move would adversely affect "the morale and effectiveness of the entire officer structure."

He said establishment of an arbitrary "rated" ceiling, as proposed by the House, also "might serve to discourage rated personnel from continued military service" and "could well have a harmful impact upon our national security."

Suspension from flying status by 1 July 1960 of a sufficient number of rated officers to enable the Air Force to meet the House ceiling "is impracticable," he said. "Such a sudden, forced decrease can only be accomplished through a totally arbitrary selection process, which would surely result in great personnel inequities and injustices and would, in my opinion, create morale and efficiency problems far greater than those experienced in our last central review."

General White asked the Senators to "remember that we are dealing with highly motivated career officers who have dedicated themselves to the service of their country."

He said, "They are, in my opinion, entitled to more than arbitrary action."

The Chief said the interim steps he has approved, pending the outcome of the flight pay accrual plan, "are designed to reduce the cost of our flying program and, I believe, are consistent with the intent of Congress in this regard. Furthermore, we will continue to identify and remove from flying status—without the benefit of accrual pay—those officers who through lack of interest fail to maintain high rated proficiency standards."

Brookley F-105 TAC Unit Gets Dual Safety Award

The 4th Tactical Fighter Wing at Brookley AFB, Ala., equipped with the Republic F-105, has been awarded two citations for flying safety.

The double honor, was for an accident-free record from July through December of last year. During this period the Wing flew 12,326 hours without an accident. The citations stated that this record was made more impressive by the fact that most of the hours were flown while the pilots were transitioning from the F-100. Brig. Gen. Joseph H. Moore is Wing Commander.

Safety Research Wins Awards At Norton AFB

Outstanding records of ground and flight safety in their previous assignments have won Air Force Commendation Medals for two officers of the Directorate of Flight and Missile Safety Research, Office of the Deputy Inspector General for Safety, Norton AFB, Calif.

Brig. Gen. Walter E. Arnold, Director/FMSR, recently presented the awards to Lt. Col. Willis H. Hood, Chief of the Education and Training Branch, Missile Safety Division, and to Maj. Jimmie L. Tissue, Associate Editor, Flying Safety Magazine.

M/G Park Will Retire Name New PX Chief

Maj. Gen. Harlan C. Parks, Chief of the Army and Air Force Exchange Service, has announced that he will retire from the Air Force on 30 June. He will be succeeded as Chief of the A&AFES by Brig. Gen. Ray J. Laux, U. A., currently the A&AFES Deputy Chief.

General Parks was named A&AFES Chief in December 1956, following assignments as Senior Member of the Military Armistice Commission in Korea and as Assistant Chief of Staff (Personnel) with the United Nations and Far East commands in Tokyo, Japan.

Fred McHugh Retires From Ordnance PIO Post

Fred D. McHugh, an Army Ordnance technical liaison officer since 1946 retires 31 May.

He served with the AEF Tank Corps, during WWI after receiving his degree in mechanical-electrical engineering from Clemson College in 1917.

He makes his home with his wife, Ethel, at 3107 Oliver Street, N. W., Washington, D. C.

Izaak Walton Council Names Retired Colonels

Two retired Army colonels have been elected to top posts of the newly formed Florida State Council of the Izaak Walton League of America.

President is Col. Louis H. Mussler of Indian River. Col. W. A. Weddell of Merritt Island, is director of the State Board.

Colonel Weddell, a former Artilleryman, has been active in civic and conservation affairs in Brevard County, home of the Air Force's missile test base at Patrick AFB and Cape Canaveral.

Colonel Mussler, a former Signal Corps officer, is also active in conservation work and is known throughout the southeast for his outdoor writing.

Marine Corps Quashes "Acting" Rank Rumors

"Acting" rank titles for Marine Corps enlisted men and women will be retained for an indefinite period during the transition to the new rank structure.

Marine Corps Headquarters has issued an official statement "to correct erroneous reports implying early termination of the acting titles."

The Corps emphasized that "no dates have been set for dropping any of the acting titles."

Present plans call for termination of acting ranks only when Marines holding such rank have had an ample opportunity for promotion. Because of rapid turnover, the lower ranks will reach this point before the senior ranks.

"Consequently," Headquarters said, "termination of acting ranks will be phased beginning with grade E-3, when a substantial majority of personnel in that grade hold the new rank title of lance corporal and the remainder have had an adequate opportunity for promotion to the next higher grade. Similar criteria will govern the phasing out of acting titles in other grades."

President Nominates 341 From Three Service Academies For Air Force Commissions

THE President has nominated 341 graduating cadets and midshipmen for appointment as second lieutenants in the Regular Air Force. The group includes 228 from the Air Force Academy, 66 from the Naval Academy and 47 from Military Academy. They are:

USAF ACADEMY

Adamson, Derry A
Alexander, James W
Alexander, Norman C
Almanzar, Donald H
Almick, Kenneth J
Ames, Richard C
Anderson, J. W. III
Atkinson, Fuller D
Badger, Robert E
Baker, Robert L
Blancur, Andrew W
Blehe, Kenneth H
Bilello, James A
Bishop, William S
Bourque, Valmore W
Boutz, John F
Boyington, G. Jr.
Bristow, Dean L
Bronson, H. F. III
Brost, Harold G
Browning, John P
Brush, John S
Buchen, Michael G
Bujalski, James H
Burke, Thomas E
Burns, David W
Burshnick, Anthony J
Burton, Peter J
Canterbury, A. K. Jr.
Carnegie, William A
Carter, James R
Caskey, Jerry L
Clark, James W. Jr.
Clarke, Michael J
Cler, Alfred J. Jr.
Collier, George M
Congdon, Norman B
Cooke, Garth R
Cooke, Phillip A
Crew, Gary F
Croft, Bert C
Currey, John R. Jr.
Currier, William R
Dally, Jerry M
Davis, Robert C
Day, Jon R
Deem, Brian A
Deep, Ronald
de la Cruz, Gerald
Dellanti, Neil P
Delony, Billy G
Diver, Charles S
Douglass, C. T. III
Doyle, Richard L
Eckweiler, Herbert M
Elsen, George E
Farquhar, Jerry L
Fey, James C
Fischer, Robert H
Fivgar, Gordon R
Folkart, Charles S. Jr.
Fries, George J. C
Furuta, Ben T
Futch, Walter L
Gammill, Gerald H
Georgi, Charles D
Giffen, John C
Gillis, William A
Girard, Jerry L
Glaza, James F
Gonsky, John P
Goodson, Wilfred L
Goodyear, William G
Gorham, Frank W. Jr.
Guillot, Athos E. Jr.
Gulbransen, Gary G
Gurley, Sydney E
Gutzwiler, John E. Jr.
Haerter, Edward J
Hales, William D
Haller, Norman M
Haney, Denis J
Hardison, J. H. Jr.
Hart, Charles E
Head, Richard J
Heiges, Robert H. Jr.
Higgins, Joseph L
Hillman, Richard J
Hines, George H
Hobgood, Leslie A
Hodson, Wm. T. III
Holly, James N
Holman, Charles A. Jr.
Holt, Stephen R
Hopkins, Edward D
Huhn, John H
Hyde, Michael L
Jensen, John R
Johnson, Daniel K
Johnson, John A
Johnson, Lawrence M
Jolly, William R
Jones, Karl McM. Jr.
Jones, Tony McM
Kaley, Brian G
Karschnick, Gary L
Kaspar, Miles A. Jr.
Kendall, Wayne F. Jr.
Kerr, James A. Jr.
King, Harrison E. Jr.

Kingman, Richard A
Kornitzer, Wm. J. Jr.
Kuenzel, John D
Lachelt, David E
Lallime, Thomas R
Lebel, Hardy F
Leninger, William H
Lent, Roger C
Leonard, E. W. Jr.
Lester, George T
Lewis, Arthur J
Liggett, Charles F
Loh, John M
Long, Anthony H
Love, Michael V
Lovell, Clifton C
Luce, David B
Luck, George E
Macartney, John D
MacDonald, R. R. Jr.
Macfarlane, W. R.
Mason, Jerry L
Mathews, Richard T
Mayberry, Frank D
Mayo, Dale Q
McCaun, Charles M
McCall, Michael J
McClure, Jon W
McCullough, John R
Meinhardt, Florian P
Meyer, Richard F. Jr.
Miller, Kerry D
Miller, Ralph E
Mills, James D
Mollinelli, Leon F
Morton, James E. Jr.
Mosler, Bruce M
Mroska, Richard J
Newcomb, Sidney H
Newson, Robert J. Jr.
Nogar, Edmond J. Jr.
Odenweller, Robert P
O'Keefe, Richard D
O'Rourke, James C
Ouellette, William R
Patchett, Ronald D
Peebles, John F
Peel, James E
Peterson, Wayne A
Porter, Fred H. III
Price, Lew P
Prindle, Hoyt L. Jr.
Pupich, George S
Rager, Robert G
Reavely, Neal T
Reed, David J
Rekenthaler, D. A
Richert, Martin E
Roberts, Phillip F
Roe, Peter H
Sandholzer, Ronald D
Sands, Charles D. II
Sapp, Robert B
Savage, Gordon S. Jr.
Schehr, Richard R
Schira, John A. Jr.
Schlechte, Thomas W
Schwank, Jock C. H
Seabode, Thomas F
Sexton, Richard R
Sheets, Gary D
Shepard, Richard B
Shields, Isham C. Jr.
Shier, Lloyd E
Siebecker, William D
Singer, Donald E
Smith, John T
Smith, Patrick J
Stack, Gerald T. Jr.
Stevens, Donald D
Stumm, Theodore J
Sullivan, Paul M
Sweeney, W. C. III
Sweigart, David L
Taylor, William W
Thomas, Victor R
Thomasson, James H
Thompson, Dale W. Jr.
Thrush, Aaron D
Thurman, Donald L
Townsend, Johnnie F
Upton, Charles W
Vallerie, Paul J
Van Inwegen, Earl S
Van Singel, Gary L
Vikan, Dean F
Waddle, James E
Walker, Clark M
Walker, Frederick T
Walsh, Denis L
Warack, Christian A
Ware, Donald F
Waters, Samuel E. Jr.
Waters, Samuel E. Jr.
Waugha, Grant R
Welnaug, Robert P
Werrell, Kenneth P
Whaley, Ernest D. Jr.
Whitfield, Howard M
Whitman, Edwin L
Wiest, David L

Wolfswinkel, D. L.
Yates, Ronald W
Yoakum, Victor E

Zersen, William F. H
Zimmerman, Alex D

U. S. MILITARY ACADEMY

Barnett, Herbert W
Bauermeister, L. A
Birkholz, John C. Jr.
Brett, William M
Carver, Jimmy D
Cloutier, Frank L
Colter, Craig G
Coon, Charles R
Crabbe, James M
Davidson, John K
Dawson, Glenn E
De Ment, James H. Jr.
Drennan, Robert G
Ello, John V
Farnelo, Lee A
Fisher, Henry B. Jr.
Gelst, Lawrence N
Gerenz, Ralph F
Glenn, Warren H
Gould, Karl T. II
Hargrove, John F

Hayes, Melvin B
Johnson, Calvin R
Jones, Lyle T
Keen, Robert L
Kirby, John P. Jr.
Kramer, George W
Lambert, Henry D
Lopiano, John A
Meloan, Henry L
Myers, William A
Nance, Keith J
O'Donnell, Patrick J
Osborne, E. A. Jr.
Robinson, Joseph M
Rodman, Jay H
Sampson, Garrett R
Schanep, Robert N
Sindora, Kenneth E
Smith, James R
Stanley, John C
Struck, Larry D

Tarr, Davis S
Ursy, Donald J
Wilmore, Duncan

Wilson, Cyrus C
Young, John E

U. S. NAVAL ACADEMY

Adler, Alan B
Aglio, Carl J
Albershart, Thomas B
Alford, James M
Bagnard, Gary C
Bevans, John P
Bezek, George M
Blum, John E
Brown, Richard L. Jr.
Burkley, Raymond T
Byrne, Robert A
Cartwright, Wm. E. Jr.
Collins, Charles V
Cotis, John P
Daudel, Walter L
Delano, Francis X
Peruta, Charles S. D
Doherty, Thomas E
Dowell, George W. III
Dunne, Anthony J
Egan, Henry P. Jr.

Ellington, Wm. E. Jr.
Fannemel, William R
Ganz, Francis Van R
Glew, Thomas C
Hastings, Robert D
Heard, Marshall L
Holden, Alfred C. Jr.
Jean, Daniel H
Jenkins, Charles D
Jones, Norman L
Kanaky, Salim J
Land, Walter R
Lansing, Hal P
Lanzetta, Anthony J
Larsen, Axel M. Jr.
Law, Joseph F
Malolo, Joseph C
Mankowich, Paul
Maxfield, James G. Jr.
McCarthy, Thomas
McConnell, Calvin R

McCrary, Dennis L
Mitchell, William J
Mollicone, Donald A
Mullen, David E
Neeley, Harold D
Nosal, Melvin A
Paepcke, John E. C
Peasley, Donald A
Reid, Daniel F
Reilly, John J
Ryan, Kevin T
Sammon, John W. Jr.
Schnegeberger, D. J
Schumann, Clifford F
Sellman, Lee C
Shaw, Freeman R. Jr.
Sweeney, James E
Ulrich, Robert A
Vinje, Edward W
Volzer, Charles D
Williams, David C
Wolf, Richard L
Young, David J
Zaccagnino, S. A

USAF Orders

From page 8—

Wingard, Jesse O. Jr., Hq AFGC, ARDC, Eglin AFB.
Holland, Gould K., Hq Fifth AF, PacAF, APO 925, SF.
Hammer, Edson G., 497th R Tech Sq, USAFE, APO 633, NY.
Dorn, Thomas E. Jr., dy sta Ofc, USAF Res Auditor, APO 925, SF.
To PacAF, APO 953, SF:
Kelly, Wilson D.
Simokaitis, Frank J

Fr Hill AFB to Sta Indicated

Dwyer, James G., Chize Ammunitions Strge Annex, AMC, APO 21, NY.
Paul, Kenneth I., dy sta AMC Msls Fld Ofc, Forbes AFB.
Edwards, Clifford E., Hq SBAMA, AMC, Norton AFB.

CAPTAIN

Norris, Russel J., Robins AFB, to 1141st Sp Actys Sq (Hq Comd USAF), APO 55, NY.
Joel, Nathan L., Brookley AFB, to dy sta AMC Msls Fld Ofc, Lowry AFB.
Wiekhorst, Mark C., Eglin AFB, to dy sta Sperry Gyroscope Co, Great Neck, LI, NY.
Bairrington, Jarrell D., Tinker AFB, to 867th Med Gp, SAC, APO 864, NY.
Bird, James R., Robins AFB, to AMC Ballis Msl Cen, LA.
Seath, Everett W., Hill AFB, to AFOIC Radioplane Pnt, Van Nuys, Calif.
Riner, Quanten V., Hill AFB, to 1400th Sprrt Sq, Hq MATS, APO 81, NY.
Dees, John B., Duluth Air Def Sectr, to 915th Sq, ADC, Sioux Lookout, Ont, Canada.
Hirsch, Alfred F., Jr., Culver City, Calif., to AMC Ball Msls Cen, Los Angeles.

Fr Ent AFB to Sta Indicated

Bailey, Jack E., dy sta RAF Wattisham, Ipswich, Suffolk, Eng, & atch to Ofc, US Air Attache, London.
Swanson, Robert J., Det 20, TUSLOG, USAFE, APO 224, NY.
Carlton, Leo, 7030th AB Wg, USAFE, APO 12, NY.

Fr Wash, DC to Sta Indicated

Gardner, Roy E., Hq ADS, ADC, Sioux City IA, Iowa.
Grimm, Frank K., dy sta Lockheed Space & Msl Div Felty, Sunnyvale, Calif.

Fr Eglin AFB to Sta Indicated

Kirk, Job H. Jr., Hq 11th ADiv (Def), AAC, APO 731, Seattle.
Degenhardt, Arthur A., 10th ADiv (Def), (Rem), AAC, APO 942, Seattle.
Hayden, Guy, C&SC, AU, Maxwell AFB.

1st LIEUTENANT

Prowell, James S., Duluth Air Def Sector, to Univ/Colorado.
Green, James D., Seymour Johnson AFB, to 6431st AB Gp, APO 235, SF.
Harenski, Walter J., Keesler AFB, to APO 235, SF.
Meyer, Robert K., Keesler AFB, to APO 30, NY.

2d LIEUTENANT

Earle, Donald L., Brookley AFB, to 6952d Radio Sq, Msl, USAF, APO 199, NY.

CHIEF WARRANT OFFICER

Cry, W-2 Ly C., Tinker AFB, to AMC Electronics Sys Cen, L G Hanscom Fld, Mass.

FORMER ORDERS REVOKED—

Berg, Col William W., prov ors re his rsg fr Wash, DC, to ICAF, Ft McNair, revo.
Gregory, Lt Col Jesse M., prev ors re his rsg fr Wash, DC to Hq AMC Elect Sys Cen, AMC, L G Hanscom Fld, revo.
Diehl, Lt Col Conrad H. Jr., prev ors re his rsg fr Wash, DC to Hq AFMTC, ARDC, Patrick AFB, revo.
Reid, Lt Col Robert J., prev ors re his rsg fr Wash, DC, to Hq AFBMD, ARDC, AF Unit PO, Los Angeles, revo.

RETIRED—

Colonel

Lyons, Robert E.
Sidwell, Lowell G.
Kellis, (LtCol) James G. L., as LtCol & adv to Col.
McKaba, (LtCol) Edward, as LtCol & adv to Col.
Cello, (LtCol) Gove C., as LtCol & adv to Col.

RECORD CLASS AT USCG ACADEMY

A RECORD number of 137 graduates of the U. S. Coast Guard Academy are expected to receive degrees and commissions at graduation exercises 8 June at New London, Conn.

Biggest previous graduating class was 99 men in 1946.

Secretary of the Treasury Robert B. Anderson will deliver the graduation address at the 74th graduation exercises scheduled for 11 a.m. at Jones Field, RAdm. James A. Hirschfield, Assistant Commandant of the Coast Guard, (he will be promoted to vice admiral on 1 June) will present commissions to the graduates. RAdm. Stephen H. Evans, Superintendent, will confer the bachelor of science degrees.

(Last week's issue of THE JOURNAL published the names of the graduating cadets.)

658 Annapolis Graduates Are Nominated By President For Navy Commissions

THE President has nominated 654 members of the U. S. Naval Academy graduating class for commissions as ensigns in the Navy. Of the total, 592 are nominated for Line commissions, 53 for Supply Corps commissions and 13 for Civil Engineer Corps Commissions. They are:

Line

Ablowich, Dean A
Adler, Alan B
Affourtit, D. J. Jr.
Aldrich, William L
Allen, James W
Allison, Robert E
Amend, Robert J
Ames, Albert M
Anderson, Roger A
Anderson, Thomas M
Anthony, John A. III
Antonini, Richard C
Antonio, Robert J
Aragona, Francis J
Ausley, Paul C. Jr.
Avore, Malcolm A
Babcock, Ronald C
Babliash, William E
Bailey, Charles E. Jr.
Bailey, Stanley J. Jr.
Baker, Arthur J. III
Baker, Robert P
Ballard, Gary D
Ballard, William C
Ballou, Charles L
Banister, Richard M
Banner, David R
Barcus, Charles C
Barnes, Harley H. Jr.
Barringer, Larry E
Bartollett, F. S. III
Barton, Glen L
Bass, William F
Batchelor, J. K. Jr.
Bates, Henry W
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Benson, Perry S
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Bonneville, J. E. Jr.

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Crow, Hugh E
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28 MAY 1960

National Defense In 1950 And Today

When the fiscal 1951 Defense Appropriations Bill came up for vote in the House of Representatives in May 1950 the debate was confined largely to expressions of regret that larger defense forces were not being provided. Representative Harry R. Sheppard (D-Calif), who handled the measure on the floor, expressed the opinion that economies should be made elsewhere in order to preserve an adequate defense establishment. Representative Charles A. Plumley (R-Vt) said that economies proposed by the Secretary of Defense were comparable "to those accomplished by the man who cut his wife's throat to stop her nosebleed." Members of both political parties complained that the \$735,000,000 they had added to the previous year's budget for the purchase of new aircraft had been unspent by the Administration.

The next month the Communists launched their aggression in Korea. The United States was involved immediately in a great war which cost us a great toll in lives and equipment.

Today, we are faced with almost a parallel situation. The House of Representatives has added items totaling some \$1.2 billion to the Defense Budget and the Department of Defense, speaking for the Administration, is telling the Senate it doesn't want the additional money.

We hope the parallelism stops there, that there will not be another outbreak of aggression such as there was a decade ago. But we also hope that members of Congress, who most certainly speak for the American people when they seek to make the nation militarily strong, will insist on keeping the additional items in the Appropriations Bill despite the Administration's opposition. In today's world we cannot afford to let any facet of defense deteriorate.

Leadership, Management, And Manpower

Senator Henry M. Jackson (D-Wash) believes that changes are needed in our laws and "antiquated attitudes" concerning potential conflict of interest on the part of appointees to public office. He told the second annual training conference of the National Defense Executive Reserve that if a man is going to be dishonest "the mere fact that you make him sell his stock and cancel out his pension rights will not stop him."

The Senator made it plain that he was referring not only to appointees to public office but also to retired military personnel who are barred by the dual-compensation laws from taking other government jobs paying \$10,000 or more unless they forfeit their retired pay.

Senator Jackson's arguments deserve the close attention of Congress. Manpower becomes increasingly important as technology grows. Leadership and management are the most important factors in keeping our nation strong. If a man is the right one for a government post he should be appointed regardless of his stock holdings or retired pay. To bar him from the job or penalize him for accepting it is to deprive the Nation of valuable talent.

We commend the Senator's remarks to other members of Congress with the hope that closer study will be given the problem of making it easier to recruit and use the best talent available to the Nation.

"Hump," Berlin And Strategic Force Salute

Lt. Gen. William H. Tunner, USAF, as the citation for his fourth Distinguished Service Medal declares, "has been eminently successful in welding the varied services of the Military Air Transport Service into a cohesive and outstandingly effective organization. His distinctive accomplishments in this responsible assignment," the citation continues, "culminate a distinguished career in the service of his country and reflect the highest credit upon himself and the United States Air Force."

On hand at MATS Headquarters at Scott AFB, Ill., for the presentation and retirement ceremonies for the famed airlift leader were General Thomas D. White, Air Force Chief of Staff, and Representative L. Mendel Rivers (D-SC). Their presence illuminated General Tunner's airlift achievements over the past decades.

General White's participation was a reminder of the brilliant service

General Tunner performed in the execution of three major military missions. As head of the Air Transport Command Ferrying Division during the early days of WWII, he directed an operation which saw 10,000 aircraft per month flown from factories to users throughout the world. Later in the war, General Tunner commanded the celebrated "Hump" airlift in the China-Burma-India Theater. When the Communists tried to blockade Berlin in 1948, General Tunner was placed in command of the successful all-Service Berlin Airlift. For the manner in which he fulfilled his mission in each of these three tasks, he was awarded the DSM.

Representative Rivers emphasized by his presence at the retirement ceremonies a determination to fight, as he has done so brilliantly throughout this session of Congress, for modernization of MATS. During the past two years, General Tunner, with the help of his skilled staff, has succeeded in presenting to Congress and to the Nation a strong case for MATS modernization. This was a major factor in the vote by the House of an additional \$250,000,000 for airlift procurement, as proposed by the Rivers Subcommittee.

Hopefully, the Senate will endorse the House action, despite the fact that it is opposed by the Administration. This would assure to General Tunner's successor, Lt. Gen. Joe W. Kelly, well known on Capitol Hill for his distinguished service as Chief of Air Force Legislative Liaison before taking command of the Air Proving Ground Center, the means to continue the vital job of building the combat readiness of the Nation's strategic airlift force at a time when U. S. Fighting Forces must be ready to go anywhere in the world at any time.



Lt. Gen. William H. Tunner (center), retiring commander of MATS, with Representative L. Mendel Rivers (D-SC), left, chairman of the House Armed Services Airlift Subcommittee, and General Thomas D. White, USAF CofS, following the presentation of the DSM (third Oak Leaf Cluster) to General Tunner. With him is his daughter, Suzanne.

READERS' VIEWS

"Soldier" Is A Proud Term

There has been considerable furor raised over the "outrageous use of GIs as servants," but why has there been no objection to an equally debasing practice—that of referring to our enlisted men as "GIs." Even the good Representative Kowalski uses this term which is applied as readily to the man as to the cans, brush, or

soap. More recently the eminent military analyst Brig. Gen. S. L. A. Marshal used this term "GI" on a TV program.

This term, coined in affection during WW II has lived long beyond its usefulness. Now, during a time when we are all concerned with morale and esprit de corps we need more than an alphabetical expression to describe our

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IN THE JOURNAL

Allies Will Integrate Forces; USMA Chapel Ceremonies Are Set; Who Says The Mississippi Is Closed?

10 Years Ago—The London Declaration of the foreign ministers of the twelve Atlantic Pact countries is generally interpreted to mean that early steps will be taken to integrate the armed forces of the allied countries to provide a closely-knit defense establishment capable of immediate joint action in resisting aggression.

50 Years Ago—The new cadet chapel at the U. S. military academy will be dedicated on the morning of Sunday, 12 June 1910. . . . The chapel which stands on a commanding height overlooking the whole post and adjacent country for miles around, is regarded as a remarkably fine example of ecclesiastical architecture.

96 Years Ago—We learn from our recent French and English files that the "Confederates" have closed the navigation of "the Mississippi" and have kept it closed the greater part of the current year. We were not aware of it, and a recent trip up that lively stream led us to think that the facts were otherwise.

CAPITOL JOURNAL:

Budget Bureau "Encourages" Cheaper Air Travel; "Cranberry Report" Sought

THE Budget Bureau has backed down from its plan to force use of less than first-class air travel by members of the Armed Forces, Defense Department employees and other Government workers. Instead—in a move to offset further Congressional criticism—the Bureau has issued a new directive "encouraging" increased use of "air coach" and "tourist" flights when such accommodations "meet reasonable requirements." Deputy Budget Director Elmer B. Staats indicated in recent Congressional testimony (THE JOURNAL, 23 April) that the Bureau was preparing a directive which would make less than first-class air travel mandatory. In announcing new amendments to present travel regulations, to take place 1 June, the Bureau said "the amendments do not make use of less than first-class accommodations obligatory" although agencies "may, but are not required to, specify travel authorizations that air accommodations less costly than those designated 'first class' shall be used."

The Budget Bureau directive "especially" urges Government travelers to use cheaper accommodations "when both types of accommodations are available in different sections of the same plane, and for flights of relatively short duration—five hours or less." Budget Director Maurice H. Stans said the new revisions are designed "to call attention to the fact that the use of first-class air travel by Government employees far exceeds in proportion its use by the general public, and to urge greater consideration of less costly facilities by Government employees." The Bureau's action resulted from a study which was initiated at the request of the Senate Appropriations Committee. It remains to be seen whether the action will meet with the Committee's approval.

In a discussion of flight pay before the Senate Military Appropriations Subcommittee, General Thomas D. White observed that he thinks "Generals receive less than second lieutenants." Although technically correct, the Air Force Chief of Staff might better have said "some lieutenants." All rated brigadier generals receive \$160 per month in flight pay, and all higher ranking general officers receive \$165. Flight pay for second lieutenants climbs to \$170 per month only after 14 years' service. First lieutenants must have 10 years' service before they receive a like amount. Few junior officers remain in the lower ranks long enough to receive more flight pay than a general.

If Army messhall tables are not already in the pink, they may be soon. Senator Leverett Saltonstall (R-Mass) has told Army Secretary Wilber M. Brucker that he hopes the Army "will feed more cranberries" in the future. Such a statement by just any member of Congress might not prove too meaningful, but Senator Saltonstall is not only the ranking Republican on the Senate Armed Services Committee, but he is a ranking member of the Appropriations Committee, which controls Army spending. He has asked the Army for a "cranberry report."

The Pentagon is still trying to get Congress to agree to the continued payment of transportation costs to Hawaii and Alaska for commissary store items shipped to the two new States for Service families, as well as utility costs of Hawaiian commissaries. Admiral Arleigh Burke has told Senators that the House action in calling a halt to such payments, will boost commissary prices "about 12%" in both States. The CNO said this will "unfairly penalize personnel of the Navy and other Armed Services utilizing the commissaries in these areas."

Questions involving security sometimes can be skillfully surmounted. When Senator Milton R. Young (R-ND) asked General White some questions concerning the U-2 incident, the Air Force Chief of Staff noted that the subject is "highly classified." Well, what he wanted to know, Senator Young said, is whether the Bomarc could climb high enough to shoot down the U-2. General White's reply: "I would say that the Bomarc could go high enough to intercept a plane at the altitude the U-2 was alleged to be flying."

House Appropriations Committee criticism of the Army and Air Force for not transferring officers with 20 years' rated experience to non-flying status obviously didn't dig deep enough for the facts. It turns out that the Army has no aviators who have been rated 20 or more years. In revealing this information before the Senate Appropriations group, Secretary Brucker said the Army, consequently, would be hard-hit if made to take a proportionate share of the cut-back in the flight-pay payroll.

In turning down all but \$42 million of the added House funds for the anti-submarine warfare program, Navy Secretary Franke told Senators that even without the extra \$279 million, the ASW program in fiscal '61 will still have a tidy \$1.3 billion in its bank account. This is \$5 million above the fiscal '60 ASW budget, he noted.

In reclaims arguments before the Senate against House cuts in travel money, the Air Force cited an example of increased travel costs which is almost certain to come back and trouble all the Services. Maj. Gen. Robert J. Friedman, AF Budget Director, said "rising dependency ratios" are responsible in large measure for the rising cost of PCS moves. In the last three years, AF manpower has dropped almost 76,000, General Friedman said, while the number of dependents has increased by nearly 298,000. This means 82,500 more dependent moves in fiscal '61 than in the current fiscal year. General Friedman added: "The impact of these increasing dependent moves is evident in the fact that it costs \$1,587 to move overseas an officer with an average family and an average amount of household goods, as compared with \$312 for a single officer." This example is bound to be picked up by members of the House Appropriations Committee who already are clamoring for stricter controls on family travel to overseas areas. They will cite the cost differential as one more reason why family travel overseas should be restricted.

General Kelly Of AF And PFC Kelly Of Marines



MARINE PFC John M. Kelly (right) introduces his father, Lt. Gen. Joseph W. Kelly, new MATS Commander, to his senior drill instructor, Acting Gunnery Sgt. Brannon N. Gooch at Parris Island, S. C. General Kelly arrived at the Marine Corps Recruit Depot for review ceremonies at which his son and 300 other young Marines completed their training. Young Kelly earned distinction at the ceremonies as one of 30 in the group to earn a meritorious promotion to his present rank.

Pentagon Gives Status Report On Nuclear Aircraft; Foresees "Immense Payoff"

(The following is the text of a newly released Pentagon Fact Sheet on the Nuclear Aircraft Program, covering developments since 1946 and forecasting a certainty that "the emergence of useful, proven nuclear propulsion systems for aircraft will offer revolutionary performance to military as well as non-military use.")

HISTORY

Although initial discussions of nuclear energy for propulsion of aircraft preceded the first atomic test detonation at Alamogordo, New Mexico, the first formal study contract was awarded to the Fairchild Engine and Aircraft Corporation in May 1946.

Its objective was a determination of the feasibility of nuclear energy for the propulsion of aircraft. The project was called NEPA (Nuclear Energy for Propulsion of Aircraft) and was carried out at the Oak Ridge National Laboratory. Later, in 1948, the newly organized Atomic Energy Commission, which had not participated in NEPA, established a separate study group at the Massachusetts Institute of Technology, designated as the Lexington Project, to make the same feasibility determination.

This group concluded that a strong development could succeed and that it would probably take 15 years and cost well over a billion dollars.

As a result of these findings NEPA was phased out and the Air Force and AEC joined in a more dynamic effort called the Aircraft Nuclear Propulsion Program (ANP). A contract was let,

under the joint auspices of the Air Force and AEC, to the General Electric Company at Evendale, Ohio.

The main objective was to develop in the subsequent three to five years information on reactor materials, shielding, and power plant aircraft design so that the feasibility and the effort required to achieve nuclear powered flight could be evaluated on a firm basis.

In 1951 this objective was raised to include the demonstration of nuclear powered flight. The General Electric power plant, using a direct air cycle reactor, became known as the Direct Cycle program. Later, in 1954, the Pratt & Whitney Company at Middletown, Conn., initiated, again under joint AF-AEC contract, an Indirect Cycle Nuclear Turbojet Engine program.

The initial concept of flight test for a nuclear power plant centered around use of the B-36 as a test bed aircraft; however, in April 1953, on the advice of the National Security Council and other advisory groups, the Secretary of Defense cancelled the program for ANP. In the following month, this decision was reinterpreted to orient the Direct Cycle program to a basic research and development effort, postponing any decisions or schedules for ground and flight tests.

Stimulated by AEC progress reports that exceeded expectations, the ANP effort became oriented toward a specific Weapon System, WS 125, for a long range cruise, supersonic sprint, strategic bomber. Both the Direct and Indirect

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MEMO--

PENTAGON KNOW-HOW is a major reason for the success of Secretary of Defense Gates in reorganizing operations which affect all the Services (see Page 1). He has used the powers which Congress has granted to his office with skillful care, and has achieved major changes without strong protests from Capitol Hill.

SECRETARY GATES HAS FOCUSED a broad view on Defense problems. This is most notable in the R&D field, where he has given Dr. Herbert F. York greatly increased responsibilities over all the Armed Forces. There is no R&D project in the Services over which Dr. York and his associates cannot exert their influence.

THE SWEEP OF DR. YORK'S AUTHORITY certainly includes the Army, Navy and Air Force Medical Services. This calls to mind the unseating which former Secretary of Defense Charles E. Wilson experienced when he attempted a pinpoint reorganization by announcing plans to abolish the Veterinary Corps. Congressional reaction was immediate.

ONE DIFFERENCE between Secretary Gates and Secretary Wilson is that the former understands how things get done in Washington. Mr. Wilson and former Secretary Neil H. McElroy lacked the invaluable "combat training" which Secretary Gates received as Under Secretary and Secretary of the Navy, and as Deputy Secretary of Defense.

THE FACT THAT RESEARCH AND ENGINEERING Director York will play a vital role in the formulation of the fiscal '62 budget is likely to see efforts made this summer to win agreement from both candidates for President to retain him on the job after the elections. The point will be made that this would assure continuity in critical defense programs.

AN AIR FORCE GENERAL has revealed that the Marine Corps will employ an Army atomic rocket. In an Armed Forces Day address in New York City, General Curtis E. LeMay, AF Vice CofS, said the Marines will utilize the Army's Davey Crockett nuclear weapon, unveiled at last month's Project Man at Ft. Benning, Ga.

THE DEFENSE DEPARTMENT SAYS it does not need an extra \$74.7 million voted by the House for the Minuteman, Midas, Samos and Discoverer programs, but the Air Force has told the Senate what it would do with the extra funds. In the case of Minuteman, the Air Force said it would utilize the extra \$20.7 million, if voted, "for engineering effort required in the Mobile Minuteman development program." The Minuteman program is reported to be nearly a year ahead of schedule.

GENERAL LEMAY, in his Armed Forces Day report, noted that the Air Force "already has on the drawing board follow-on missile weapon systems" to the Minuteman. It's a good bet, in view of the Minuteman progress and the successful Midas launch this week, that the Senate will endorse the House action in providing increased funds for the Air Force missile and space programs.

A TOTAL OF 44 COMPANIES invested thousands of dollars to submit 119 design concepts to the Army Aircraft Requirement Review Board (see Page 1). Many of these were VTOL, ducted fan, tilt wing and autogiro concepts. For various reasons, the Army decided they were not feasible for early procurement. In the VTOL field, the Army proposed joint-Service research efforts.

THE WIDESPREAD PARTICIPATION of Industry in the Army Aviation project indicates how that Service now accounts for a large share of aircraft procurement in the Armed Forces. Army Aviation expenditures, which will increase in Fiscal '61, can be expected to show a further rise in fiscal '62.

PENTAGON TRANSPORTATION EXPERTS and officials of the Military Traffic Management Agency headed by Maj. Gen. I. Sewell Morris, USA, have not yet completed new regulations to improve the shipment of Service household goods and to give military families a greater say in choosing their mover. A 1 July target date had been set. Previous policy drafts have been held up due to opposition on the part of some industry representatives, largely related to the "freedom of choice" question.

AIR FORCE CofS General Thomas D. White has coined a new word. Asked during Senate hearings if the B-47's are obsolete or obsolescent, General White replied, "I think it is fair to say they are obsolescing."

AIR FORCE CREWS for the forthcoming Mach 3 B-70 bomber will enjoy cabin pressure regulation and temperature control up to and above 70,000 feet. J. L. Atwood, President of North American Aviation, B-70 builders, told the House Science and Astronautics Committee (see Page 33) that "for the first time, Air Force crews will be able to shed heavy, cumbersome suits and oxygen masks, and to enjoy 'shirt-sleeve' conditions comparable to those in commercial transports."

THE MISSILE CRUISER PROVIDENCE, under Capt. Kenneth L. Veth, has scored the highest mark recorded by any cruiser since 1953 in underway training operations. Commissioned at Boston last September and headed for deployment to the Pacific, Providence on her first operational cruise achieved a score of 92.4%, with 100% credit for a Terrier missile shoot conducted 25-27 April. The ship's crew was told that each department had surpassed the grade of every ship conducting an ORI (Operational Readiness Inspection) during the past two years.

A STRONG STAND AGAINST REORGANIZATION of military and civilian communications frequencies was taken before the annual meeting of the Armed Forces Communications and Electronics Association this week in Washington, D. C., by Admiral Arleigh Burke (see page 32). Such a reorganization has been advocated by many civilian radio operators and organizations. The CNO cautioned: "Unwarranted criticism and campaigns against the limited military frequencies of the radio spectrum are a good example of non-productive expense. Should the Armed Forces be forced to shift to new frequencies, to change equipment to do so, the result would be harmful; not just in waste of the taxpayers' money, but also in prolonged reduced readiness."

BUDGET SHORTAGES have forced cancellation of the 1960 Firepower Demonstration at Eglin AFB, Fla. Delayed for two months, the show was set for June and then was abandoned.

TWO NEW APPOINTMENTS have been made to the Department of Defense Reserve Forces Policy Board. Brig. Gen. William W. Spruance, ANGUS, of Wilmington, Delaware, Adjutant General for Air, will succeed Maj. Gen. Stanford W. Gregory, ANGUS, Denver. Brig. Gen. John H. Foster, USAFR, San Antonio, will replace Maj. Gen. Theron B. Herndon, USAFR, Baton Rouge.

THE NAVY IS SEEKING 1600 enlisted volunteers in the Naval Reserve to serve from 30 to 60 days' active duty this summer in connection with the Reserve Training Program. Cuts in active duty manpower have reduced the capabilities of Naval District Commandants to support the peak workloads which occur during the summer in Reserve Training.

LT. GEN. LEONARD D. HEATON, Army Surgeon General, shortly will announce a reorganization of his Headquarters. Implementation is slated for 1 July. General Heaton has had a special task force working on the OTSG reorganization almost from the moment he became Surgeon General 1 June 1959 after service as CG of the Walter Reed Army Medical Center. The reorganization may see division of the Surgeon General's Office into a series of Directorates, similar to the organization now in effect in the Office of the Air Force Surgeon General.

THE AIR FORCE SOON WILL CONVENE a board to identify officers with over 20 years' rated service who would be removed from flying status, although they would continue to receive flying pay. The board also will identify tentatively officers who would be placed under the "accrual" system of flying pay in the event that this proposal is enacted into law.

GENERAL CURTIS E. LEMAY, Vice CofS, has told Air Force commanders to "ascertain that your best officers attend" the new one-week Space Systems Orientation Course launched at the Air University, Maxwell AFB, Ala. Designed for lieutenant colonels, colonels, and general officers, the Aerospace Course will be given to classes of about 100 students each. General LeMay's letter to the commanders obviously is designed to offset the understandable reluctance of some commanders to send top people off to school. "It is essential," said General LeMay, that Air Force personnel "grasp the latest aerospace research knowledge."

A SPACE LAW BIBLIOGRAPHY has been compiled by a group of Air Force Reservists assigned to the Office of the Air Force Judge Advocate General. The Reservists will keep the work up to date.

THE AIR NATIONAL GUARD is being confronted with increased maintenance problems as it shifts to higher performance aircraft. The F-86L requires 29.3 maintenance manhours per hour of flying time. When a squadron is converted to the F-102, the maintenance requirement rises to 44.7 hours; it is 39.2 for the F-104.

THE FIRST THREE AIRCRAFT CARRIERS to receive the new Bell electronic airplane landing systems will be the Kitty Hawk, Constellation and Enterprise, CVA's 63, 64 and 65. Eventually all attack carriers will be equipped with the system, officially the AN/SPN-10. In announcing its initial production contract (The Journal, 21 May), the Navy said a fourth system would be land-based to provide pilot familiarization. The land system will be located at the Naval Air Technical Training Command, NAS Jacksonville, Fla., to provide instruction for personnel responsible for operating and maintaining the systems installed aboard ships.

GENERAL THOMAS D. WHITE, Air Force CofS, has missed no opportunity during the current session of Congress to stress the need for the B-70 program. In his latest Capitol appearance on 24 May, General White told the House Committee on Science and Astronautics that the B-70 "represents the best manned, strategic weapon system that can be produced, within our current technical capabilities, for use in the time period when it is needed. It is not merely a drawing board dream, dependent upon the planning of events, or inventions, or scheduling of 'break-throughs' for success," the Chief stated.

PERHAPS IN REACTION to statements of some high-placed persons, among them Mr. Oliver Gale, Special Assistant to Secretary of Defense Gates who have downgraded the potential of the B-70, General White told the House Committee: "I look upon the development of the B-70 as a national effort—one which can lead directly not only to the most advanced possible bombardment aircraft, but to a super-sonic passenger or cargo carrying transport aircraft for our civil aviation as well."

Army Orders

From page 5—

Bise, James M, Ft Ord.
Kelly, Peter J, Ft Ord.

ARMOR—

Lt Colonel

Buser, George W, Ft Knox, to USA Elm Hq
USEUCOM, Paris, France.
Turner, Ian F, Ft Knox, to Off Stu Det Hq
& Hq Co, USALS, Presidio of Monterey,
Calif.
Cason, Duane S, Wash, DC, to USA Elm Hq
US EUCOM, Paris.

Captain

Mewra, John, Ft Knox, to USA ROTC Instr
Gp VI USA Corps, w/sta Purdue Univ, La-
fayette, Ind.
Benke, Ralph L, sr, Ft Lewis, to USA Elm
MAAG, Vietnam, Saigon.
Rousse, William C, Ft Rucker, to USATC
Armor, Ft Knox.

To Off Stu Det Hq & Hq Co USALS,
Presidio of Monterey, Calif

Mesick, Robert A, Ft Knox.
Caughron, Walter E, jr, Ft Hood.
Nelson, Kermit A, Ft Knox.

To USA ADGRU Korea, Yongsan

From Ft Knox:
Bloom, George A, jr Brownlee, Emory W

Col. Coffman To Okinawa

Col. George W. Coffman, jr., Com-
manding Officer of Ft. Williams, Me.,
and the Maine Sector of the XIII Army
Corps, leaves early in June for Okinawa
and duty as the Provost Marshal of
the Ryukyu Islands and IX Corps.

Colonel Coffman is married to the
former Eleanora Reinsch of San Antonio.

They have two sons, George W. Coff-
man, 3d, 24, and Charles, 12.

To Germany

Moon, Virgil C, Auburn, Ala.
Ferguson, John, Ft Knox.
Taylor, Billy R, Cp Wolters.

1st Lieutenant

Strong, Edwin T, jr, Ft Meade, to QM Tng
Comd USA, Ft Lee.

To Korea

Estep, Ronald D, Ft Hood.
Thomas, Kenneth E, Ft Bragg.
Thurmond, Albert J, Ft Hood.
Toye, John E, Ft Knox.

To Germany

Prof Ft Hood:
Phillips, Johnny A, jr Anderson, Jack W

2d Lieutenant

From Ft Rucker to Station Indicated
Hillsten, Kenneth L, 1st Inf Div, Ft Riley.
Phillips, William A, 4th Inf Div, Ft Lewis.
Rust, Richard A, 3d Armd Cav Regt, Ft
Meade.
Wallis, Thomas W, 3d Armd Cav Regt, Ft
Meade.

L/C Hranicka At Meade

New Post Director of Personnel, Serv-
ices and Administration at Ft. Meade,
Md. is Lt. Col. Joseph G. Hranicka. He
succeeded Lt. Colonel John T. Murphy,
assigned to Korea.

Colonel Hranicka, comes to Meade
from a 14-month tour of duty with the
U. S. Military Training Mission in Saudi
Arabia.

To USA Armor Cen, Ft Knox

From Ft Ord:
Cass, Lyman J Schulte, Robt E

To 6th Armd Cav Regt, Ft Knox

From Ft Meade:
Badeaux, John D Ryan, Joseph R
Cox, Thomas D Saccone, Richard R
Pickett, Donald D Smith, Edw F, jr
Reeves, Gerald A

ARTILLERY—

Colonel

Redford, William H, jr, Ft Bragg, to OUS-
ARMA Am Emb, Oslo, Norway.
Schaad, Carl W, Wash, DC, to Off Stu Det
Hq & Hq Co USALS, Presidio of Mon-
terey, Calif.

Lt Colonel

Kincaid, Joel R, jr, Wash, DC, to dy sta
Hagerstown, Md (remains asg USA Elm
Nat Hq SSVc Sys, Wash, DC).
Reitz, James T, McChord AFB, Wash, to
OUSARMA Am Emb, Moscow, USSR.
Reinhard, Charles A, London, England, to
OACSI USA, Wash, DC.

Major

Sinclair, Walton A, Moon Run, Pa, to US-
ARAL.

The Armed Forces Top Command

The Honorable Dwight D. Eisenhower
Commander In Chief Of The Armed Forces

The Assistant to the President—Maj. Gen. Wilton B. Persons, USA-Ret.

Special Assistant to the President—Maj. Gen. John S. Bragdon, USA-Ret.

Deputy Assistant to the President—Col. Bryce Harlow, USA

Staff Secretary—Brig. Gen. Andrew J. Goodpaster, USA

Military Aide—Col. Robert L. Schulz, USA

Naval Aide—Capt. Evan P. Aurand, USA

Air Force Aide—Col. William G. Draper, USAF

Department Of Defense

Thomas S. Gates, jr,
Secretary Of Defense

Deputy Secretary of Defense—James H. Douglas, jr.
Director, Research and Engineering—Herbert F. York

Assistant Secretaries Of Defense

Franklin B. Lincoln, jr. (Comptroller)
Charles S. Finucane (Manpower, Personnel and Reserve)
John N. Irwin, II (International Security Affairs)
E. Perkins McGuire (Supply and Logistics)
Floyd S. Bryant (Properties and Installations)
Dr. Frank B. Berry (Health & Medical)
Murray Snyder (Public Affairs)
J. Vincent Burke, jr. (General Counsel)

Joint Chiefs Of Staff

General Nathan F. Twining, USAF
Chairman

General Lyman L. Lemnitzer—Chief of Staff of the Army
Admiral Arleigh A. Burke—Chief of Naval Operations
General Thomas D. White—Chief of Staff of the Air Force
General David M. Shoup—Commandant of the Marine Corps

To Korea

Davies, George R, Ft Bliss.
Morgan, James O, Dahlonga Rd, Md.

Captain

Leitner, Charles J, Glasgow, Mont, to USA-
AMC, Ft Sill.
Turner, Thomas D, jr, Warrensburg, Mo, to
USAAVNS, Ft Rucker.
Brisben, Wesley W, Monterey, Calif, to USA
Elm MAAG, Cambodia, PhnomPenh.
Vallery, Ernest H, Ft Sill, to Fifth USA Adv
Gp, Indiana, w/sta Bloomington.
Morris, Richard F, Saigon, Vietnam, to JUS-
MAG, Thailand, Bangkok.
Bailey, Walter D, Ft Monmouth, to Korea.
Mordan, John W, Redstone Arsenal, Ala, to
Germany.

1st Lieutenant

Joyce, Cecil L, Ft Sill, to USARYIS, Okla-
nawa, Ryukyu Islands.
Del Monte, Joseph G, Ft Ord, to USAAMS,
Ft Sill.
Redsaul, Clare D, Ft Bliss, to Off Stu Det
Hq & Hq Co, USALS, Presidio of Mon-
terey, Calif.
Riley, Paul R, jr, Ft Rucker, to 2d Inf Bde,
Ft Devens.
Frank, Basil E, Ft Campbell, to USA Ord
Msl Comd, Redstone Arsenal, Ala.

To USA Air Def Comd, Ft Bliss

From Ft Rucker:
Balda, Edward J Coleman, Lynn F

To USAAMC, Ft Sill

From Ft Rucker:
Oxford, Clyde E Cook, Robert W

To Korea

Vestal, Clinton B, Ft Sill.
Leitz, John D, Ft Sill.
Pease, Henry B, jr, Ft Lewis.
Roberts, Donald A, Ft Lewis.
Rahn, Richard D, Ft Benning.
Zimmerman, Robert, Milwaukee, Wis.

To Germany

Disbrow, David C, Ft Still.
Adamcik, Merrill T, Ft Rucker.
Nelson, George R, Ft Rucker.

2d Lieutenant

Scalia, Joseph P (AI), Ft Lewis, to Off Stu
Det Hq & Hq Co, USALS, Presidio of Mon-
terey.
Morton, James O, Ft Rucker, to USA Air Def
Comd, Ft Bliss.
Hines, Frank E, Ft Hood, to Korea.

Tennessee Sector Chief

Col. Russell D. Funk has assumed
command of the Army's Tennessee Sec-
tor Command at Nashville. He succeeds
Col. Carl D. McFerren, reassigned to
Anniston Ordnance Depot, Ala.

Tennessee Sector Command supervises
and inspects training and organizational
concepts of the more than 80 Army
Reserve units scattered throughout that
State. Colonel Funk had been with the
office of the Inspector General in Wash-
ington, D. C.

CORPS OF ENGINEERS—

Lt Gen Emerson C Hschner, C of E

Melding, George A, Ft Belvoir, to USA Elm
NGB, Wash, DC.
Moffett, Clewis C, Ft Meade, to Japan.

Lt Colonel

Ewing, Jewel W, Columbus, O, to Germany.
Bloom, Herbert M, Ft Bliss, to USA BW Lab,
Ft Detrick.
Shepard, Norman C, jr, Ft Belvoir, to ODCS-
LOG USA, Wash, DC.

KAISERSLAUTERN C.O.

Col. Fred A. Plachte has assumed
command of Kaiserslautern Post,
Germany, succeeding Col. Blair A.
Ford, assigned to Camp Kilmer,
N. J.

Colonel Plachte came from Ft.
Douglas, Utah, where he was Sen-
ior Army Artillery Advisor to the
XI Corps Artillery, Utah National
Guard.

Major

Brown, Harold E, jr, Ft Bragg, to ARMISH/
MAAG, Teheran.
Bohn, William W, Ft Leavenworth, to First
USA Stu Det, Governors Is, w/sta Syracuse
Univ, Syracuse, NY.
Amundsen, Arnold L, Ft Hood, to USA Sr
ROTC Instr Gp IV USA Corps, Jackson,
Miss, w/sta Miss State Univ, Starkville.
Downes, Mariboro R, San Francisco, to USA-
SETAF.

To Germany

McMullen, Ray W, jr, Ft Campbell.
Bussey, Charles M, San Francisco.
Selego, Edward, Ft Arthur, Tex.

Captain

Richbourg, John A, Pittsburgh, Pa, to USA
Engr Dist Southern Med Div, Leghorn,
Italy, w/sta Adana, Turkey.
Crosby, Robert L, Ft Belvoir, to USA Engr
Dist, Alaska, N Pac Div, Anchorage.

To Germany

Barry, Thomas M, jr, Reno, Nev.
Burkhardt, Ellwood W, Ft Benning.
Foreman, John B, Ft Campbell.
Harris, Glynn M, Ft Benning.
Morrie, Clifford O, Ft Knox.
Colvin, James A, Ft Belvoir.
Queen, John H, Ft Meade.
Wise, William A, 2d, Ft Detrick.
Wood, Leonard B, Ft Campbell.
Kern, John H, Rollo, Mo.
Matthews, Donald G, Ft Bragg.
Alford, John C, jr, Ft Belvoir.

To France

Gaston, Marvin C, Ft Leonard Wood.
Pike, Edward C, Ft Belvoir.
Adkins, Virgil S, jr, New York, NY.
Stehwien, Marvin F, Ft Leonard Wood.

1st Lieutenant

Heikkinen, Kenneth L, Forest Park, Ga, to
Off Stu Co, USAAVNS, Ft Rucker.

Col. Check Leaves Meade For Pacific Joint Staff

Col. Gilbert J. Check, Second Army
Deputy CofS for Operations at Ft.
Meade, Md., left 23 May for assignment
with the Pacific Forces Joint Staff in
Hawaii.

During the Korean War, Colonel Check
commanded the famous 27th Infantry
"Wolfhounds" Regiment of the 25th Divi-
sion.

Colonel and Mrs. Check have a daugh-
ter, Bethel.

To Stu Det Hq Second USA, Ft Meade,
w/sta Ohio State Univ, Columbus, O

Brinkley, Charles B, jr, Ft Belvoir.
Miles, Ralph E, Ft Ord.
Roth, Morton F, Ft Belvoir.

To USN Submarine Schl, New London, Conn

From Princeton, NJ:
Guthrie, Edward R Vanden, Jon C
Maurer, David F

2d Lieutenant

Calvarese, Vincent L, Ft Lewis, to 522d Engr
Cp, Ft Knox.
Kitajima, Walter Y, Ft Leonard Wood, to
Korea.
Hesse, John L, Aberdeen Pr Gr, to USA-
SETAF.
Carlson, Carl E, Ft Belvoir, to Off Stu Co
USAAVNS, Ft Rucker.

To USA Engr Cen, Ft Belvoir

Lambden, Danny R, Germany.
Tower, Richard A, jr, Ft Campbell.
Buhman, Richard J, Ft Campbell.

SIGNAL CORPS—

Maj Gen Ralph T Nelson, C Sig O

Lt Colonel

Anderson, Woodrow W, Wash, DC, to USA
Sig Gar, Ft Monmouth.
Duncan, Carl O, Ft Sam Houston, to Korea.
Ware, William B, Monterey, to USA Elm
JBUSMC, Rio de Janeiro.

Captain

Szemesak, Stephen T, Ft Gordon, to USA
Elm NSA, Ft Meade.
Smyzer, Elliott H, Ft Campbell, to USA Elm
MAAG, Taiwan, Taipei.
Cafferty, James C (AS), Ft Devens, to 508th
US ASA Gp, Yongsan, Korea.
Cooper, Adolph H, Philadelphia, to USA Elm
Hq Pac Comd, Pearl Harbor, Hawaii.

To Korea

Merrick, Clyde D, Ft Gordon.
Lehan, Andrew F, Ft Leavenworth.

To Germany

From Ft Monmouth:
Rademacher, Leon E Clift, Graydon H

1st Lieutenant

Smith, Eulalia M, Ft Monmouth, to Trans
Female Co Hq & Hq Co, USAPersCen, Ft
Dix.
Hutto, Azel J, jr, Ft Rucker, to Germany.

To Korea

Burton, Dawson L, Ft Gordon.
Richards, James E, Decatur, Ill.
Craig, Donald G, Ft Bragg.
Peterson, John A, Ft Hood.
Harts, William G, St Louis, Mo.

2d Lieutenant

Davis, David H, Ft Detrick, to Army Pic-
torial Cen, Long Island City.
Pelster, Raymond L, Ft Knox, to USA Sig
Gar, Ft Monmouth.
Greenwood, Everett O, Ft Meade, to Off Stu
Co, USAAVNS, Ft Rucker.

To Germany

From Ft Gordon:
Hersey, Lawrence J Rosene, Donald C

ADJUTANT GENERAL'S CORPS—

Maj Gen Robert V Lee, TAG

Captain

Miller, Robert N, Wash, DC, to Hq US ASA
Arlington Hall Sta, Arlington, Va.

1st Lieutenant

Casto, Phillip C, Ft Hood, to Korea.

—Continued on next page—

USMA '45 Graduate Returns To Alma Mater

Maj. William A. Daugherty, 2d Army
Missile Command Signal Officer, Ft.
Carson, Colo., will report in August to
the U. S. Military Academy to join the
Tactical Department.

Major Daugherty, USMA '45, is the
son of the late Brig. Gen. W. F. Daugherty
and Mrs. Daugherty who lives at the
Ansonia Apartments, Tacoma, Wash.

House Action Will Force "Inequitable" Reduction On Army's Aviation Arm

SECRETARY Wilber M. Brucker has warned the Senate that the House-cut in proficiency flying will force an "inequitable" reduction on the Army's air arm and will deny a "great number" of Army aviators "the opportunity to maintain their branch proficiency."

Testifying before the Senate Military Appropriations Subcommittee, Secretary Brucker urged restoration of \$1,860,000 in proficiency flying funds knocked out by the House and \$200,000 eliminated for mission support flying.

The Army has no aircraft specifically assigned as "mission support," and all Army aircraft are procured to meet tactical requirements, the Secretary said. The House action would, therefore, reduce "the degree of combat readiness," Mr. Brucker maintained.

He also told the Senators the Army has no aviators who have been rated for 20 years. The House Appropriations Committee had criticized the Army for not removing officers in this category from flying status under an appropriations act proviso which would permit them to retain their flying pay.

The House cut in proficiency flying funds, Secretary Brucker said, appears to have been proportioned among the Services on the basis "of the total number of

rated personnel in the three Services as of 31 December 1959." He said "This type of reduction is inequitable since all Army aircraft are tactical; no proficiency aircraft are included in the Army inventory now or in fiscal year 1961."

The Army Secretary reminded the Senate Committee that each Army aviator "is first a member of arms and services, such as artillery, infantry, armor, engineers, medical, etc. He can gain this dual capability only by undergoing periodic assignments with his basic ground branch."

The effect of the House action, he said, "is to deny a great number of aviators the opportunity to maintain their branch proficiency and to broaden their knowledge of the Army and its requirement for aviation support." Secretary Brucker estimated that "less than 13% of the Army aviators will be in combat readiness (proficiency status in FY 1961 which is substantially less than the 30-35% applicable to the other Services."

He said "Army annual flight requirements, which are less than the other Services, are now at a minimum for safe operation and retention of an acceptable level of readiness."

Secretary Brucker urged the Senators to restore the House cuts.

Army Orders

From preceding page—

QUARTERMASTER CORPS—

Maj Gen Andrew T. McNamara, QMG
Colonel

Johnson, Leonard M., Ft Carson, to Schenectady Gen Dep USA, Schenectady, NY.

Lt Colonel

Alexander, Charles R., Richmond, Va., to QM Tng Comd, USA, Ft Lee.
McDowell, James E., Columbus, O., to Mil Gen Sup Agcy USA, Richmond QM Dep, Richmond, Va.

Major

Stoecker, John V., Wash, DC, to USA Elm MAAG, Vietnam, Saigon.
Price, Wallace W., Ft Dix, to Hq USASA Europe, Frankfurt.
Roof, Ora W., Jr., Columbus, to USA Gar, Ft Benjamin Harrison.
Weber, Kenneth J., Ogden, Utah, to France.

Captain

Maes, Robert W., Richmond, Va., to USA Elm JUSMMAT, Ankara, Turkey.
Wagner, Matt R., Redstone Arsenal, Ala., to USA ADGRU Korea, Yongsan.
Scopel, Francis E., Ft Lee, to USA Elm Hq Allied Forces Cen Europe, Fontainebleau, France.
Glenn, William A., Jr., Ft Lee, to Germany.

1st Lieutenant

Valverde, Fernando E., Ft Lee, to Germany.
Breedlove, Smedley D., Ft Lee, to Off Stu Det Hq & Hq Co USALS, Presidio of Monterey, Calif.

2d Lieutenant

Roberts, Phillip E., Ft Hood, to Hq USASA Europe, Frankfurt, Germany.

FINANCE CORPS—

Maj Gen Paul A. Mayo, C of F
Captain

Bohnsack, John E., Phoenixville, Pa., to FC-USA, Ft Benjamin Harrison.
Olson, Robert W., Cp Lucas, Mich., to USA Ord Dist, Detroit.

1st Lieutenant

Kearney, Robert F., Alexandria, Va., to USA Gar, Ft Myer.

MEDICAL SERVICES—

Lt Gen Leonard D. Heaton, SG
Colonel

Eaker, Alan B., Ft Leonard Wood, to WR AMC, Wash, DC.
Thomas, Lucius G., San Francisco, to Hq Second USA, Ft Meade.
Dehne, Edward J., Ft Meade, to Brooke AMC, Ft Sam Houston.

Lt Colonel

Cohen, Arthur, Wash, DC.
Daniels, Italo W., Ft Belvoir.

Major

Froem, William E., Wash, DC, to Stu Det Hq Second USA, Ft Meade, w/sta Univ of Cincinnati Dept of Preventive Medicine & Industrial Health, Kettering Lab, College of Medicine.

Tucker, Edgar A., Ft Sam Houston, to Hq USARYIS, Okinawa, Ryukyu Is.
Eaves, Charles C., Ft Meade, to USAH, Ft Huachuca.
Thel, Albert J., Ft Campbell, to Valley Forge GH, Phoenixville, Pa.

Captain

Montaner, Luis F., Denver, to USA Elm Panama CZ, Balboa Heights, CZ.
Alstalt, Leslie R., San Francisco, to Tripler AH, USARPAC, Oahu, Hawaii.
Lubash, Glenn D., Army Cml Cen, to USA Disb, Ft Totten.

Roberts, Fred F., Denver, to Germany.
Noble, Joseph W., Dugway, Utah, to USA RMS, Los Angeles.
Bradley, Richard V., Ft Wayne, Mich., to USARMS, Detroit.

1st Lieutenant

Bogumill, George P., San Francisco, to Stu Det Hq Third USA, w/sta Womack AH, Ft Bragg.

Rugant, Peter R., El Paso, to Stu Det Hq Third USA, w/sta Martin AH, Ft Benning.
Cole, Edward F., Nashville, Tenn., to Stu Det Brooke GH, Ft Sam Houston.
Yitalo, Elmer W., Denver, to BAMC, Ft Sam Houston.

Ledford, Frank F., Jr., Ft Sam Houston, to Stu Det Hq Third USA, Ft McPherson, w/sta Womack AH, Ft Bragg.

Hinds, Ronald B., Ft Sam Houston, to Stu Det Hq Third USA, Ft McPherson, w/sta Martin AH, Ft Benning.

Milton, Robert E., Ft Sam Houston, to First USA Stu Det, Governors Is, w/sta Walson AH, Ft Dix.

Wahl, William H., Wash, DC, to Madigan GH, Tacoma.

To Fitzsimons GH, Denver

Osmer, John C., Tacoma, Wash.

Rogers, Lee E., Wash, DC.

Mays, Edward E., Ft Sam Houston.

To BAMC, Ft Sam Houston

Hardy, David L., El Paso, Tex.

Meland, Richard A., El Paso, Tex.

To Stu Det Hq MDW, Wash, DC, w/sta DeWitt AH, Ft Belvoir

O'Brien, John F., Ft Sam Houston.

From Wash, DC:

Flinder, Richard J. Raymond, James R.

To Letterman GH, Presidio of SF

Durland, Richard C., El Paso.

Mays, Gerald C., Phoenixville, Pa.

Nacheff, Nathaniel M., Ft Benning.

Stuckey, Marvin E., Ft Bragg.

From Wash, DC:

Dillon, Donald E. Rambaud, Jacques J.

Haddad, Jean G K.

From Tacoma, Wash:

Cloud, William M. Vines, Donald H.

From Ft Sam Houston:

Pinaki, James B. Attwood, Charles R.

To William Beaumont GH, El Paso

Foster, Lawrence H., Jr., Phoenixville, Pa.

From Wash, DC:

Brott, Walter H. Wachtel, Herbert L.

To WRAMC, Wash, DC

From Ft Sam Houston:

Mazze, Richard L.

From Denver:

Boyd, Ralph O. Bivens, Hollis E.

From San Francisco:

Cirksena, William J.

From El Paso:

Allin, John O. Onley, Leo L., Jr.

From Ft Bragg:

Lamazor, Eugene A. Libcke, John H.

To Tripler AH, USARPAC, Oahu, Hawaii

Fishback, Malcolm E., El Paso.

Campbell, John B., Ft Bragg.

Daughtridge, Clay C., Jr., El Paso.

Hebert, Donald H., Denver.

Hill, Jay M., Ft Benning.

Miertschin, Melvin A., Ft Bragg.

Preston, David F., Wash, DC.

Rochester, John C., El Paso.

Lewis, George N., 3d, Tacoma, Wash.

McCarty, Richard J., Phoenixville.

Withers, John N., Tacoma, Wash.

Olsen, Earl R., Wash, DC (to Stu Det).

Dental Corps—

Maj Gen James M. Epperly, Chief
Colonel

Ogle, Merle W., Phoenixville, Pa., to USA Gar, Ft Benning.

Captain

Fuller, Walter W., Petaluma, Calif., to Korea.

Medical Service Corps—

Col Roy D. Maxwell, Chief
Major

Anderson, Robert J., Wash, DC, to Fourth USA Med Lab, Ft Sam Houston.

Nashold, Donald K., Ft Sam Houston, to 7th Fld Hosp, Ft Belvoir.
Ryan, Francis J., Ft Ord, to WRAMC, Wash, DC.

Captain

Nay, Donald M., Rochester, NY, to Dy Sta, Boston, Mass (asg Hq First USA, Governors Is).

Brigadier, Mort B., Ft Ord, to USAAMS, Ft Sill.
Cummings, Will J., Ft Sam Houston, to The Ireland AH, Ft Knox.

Fowler, Harland W., Urbana, Ill., to USA Environmental Health Lab, Army Cml Cen, Md.

1st Lieutenant

Cassius, Joseph, Ft Sam Houston, to WRAMC Wash, DC.

Grier, Johnnie C., Ft Leonard Wood, to USAH Ft Hood.

Hymes, Johan P., Ft Knox, to Valley Forge GH, Phoenixville, Pa.

2d Lieutenant

Blackman, Sheldon, Columbus, O., to Ireland AH, Ft Knox.

Cetlin, Robert F., Philadelphia, to Letterman GH, Presidio of SF.

Clotola, Paul V., Columbia, Mo., to USAH, Ft Leonard Wood.

Strider, Fred D., Lincoln, Nebr., to BAMC, Ft Sam Houston.

Veterinary Corps—

Brig Gen Russell McNellis, Chief

Captain

Warne, Robert J., New Cumberland, Pa., to Hq Fifth USA Stu Det, Chicago, w/sta Mich State Univ, East Lansing.

1st Lieutenant

To Hq First USA Stu Det, Governors Is, w/sta Univ of Rochester Atomic Energy Proj, Sch of Medicine

Kinnamon, Kenneth E., Wash, DC.

Wampler, Stanley N., Ft Slocum.

Army Medical Specialist Corps—

Col Ruth A. Robinson, Chief

Major

Peterson, Dorothy J., New York, to Hq Fifth USA, Procurement Div, Chicago.

Captain

O'Brien, Eileen F., Ft Dix, to Fitzsimons GH, Denver.

Knickerbocker, Barbara, Phoenixville, Pa., to Walson AH, Ft Dix.

Army Nurse Corps—

Col Margaret Harper, Chief

Major

Wallenberg, Alice G., Ft Monmouth, to US-ARCARIB (Antilles).

Hughes, Margaret E., New York, NY, to BAMC, Ft Sam Houston.

Kydd, Marjorie W., Ft McPherson, to Korea.

Lillard, Erma L., Wash, DC, to Tripler AH, USARPAC, Oahu, Hawaii.

To Letterman GH, San Francisco

Shadewaldt, Ruth F., Denver.

Dietsche, Helen F., Ft Sam Houston.

To Okinawa

Carrier, Nell D., Ft Gordon.

Schingoethe, Agnes J., Ft Knox.

Hartley, Clyde P., Ft Knox.

To Germany

Burkhead, Florence A., San Francisco.

Lohrmann, Agnes B., Ft Belvoir.

McBratnie, Ellen J., Ft Devens.

Captain

Touroney, Teresa J., Los Angeles, to BAMC, Ft Sam Houston.

Mitchell, Marion R., Ft Dix, to Martin AH, Ft Benning.

Sheridan, Vivian C., Minneapolis, to Army Med Sec, BAMC, Ft Sam Houston.

Lynch, Betty J., Bloomington, Ind., to Hq Sixth USA Ret Distr, Presidio of San Francisco, w/sta USARMS, Los Angeles.

Morris, Mary M., Chapel Hill, NC, to Germany.

To USARPAC (Antilles)

Henderson, Irene, Ft Ord.

Ort, Vee L., Ft Bragg.

To Korea

Praleek, Faith C., Ft Sam Houston.
Shea, Mary T., Denver.

To France

Michelin, Thelma M., Ft Sill.
Piller, Vivian L., El Paso, Tex.

1st Lieutenant

Brand, Margie M., Ft Sam Houston, to Germany.

To Korea

Daniels, Vivian J., Ft Sill.

McDowell, Patricia M., Denver.

Raabe, Betty L., San Francisco.

2d Lieutenant

Bonus, Edwin F., Ft Benjamin Harrison, to USA Spt Gp for Korean Depn Housing Yongsan.

To Korea

Aberilla, Romualda P., Ft Leonard Wood.
Jacobson, Richard L., Denver.

ORDNANCE CORPS—

Lt Gen John H. Hinrichs, C of F

Lt Colonel

Stowell, William M., Ft Bliss, to USA Standardization Gp, UK, London, England.
Josephson, Stanton W., Germantown, Md., to Germany.

Major

Kimmins, Warden R., Arlington, Va., to CSLOG USA, Wash, DC.
Wallace, James L., Ft Leavenworth, to USA Elm MAAG, Bellux, Brussels, Belgium.

Captain

To Korea

Litz, Owen E., Aberdeen Pr Gr.
Grosse, Milton, Aberdeen Pr Gr.
Schick, Ernest F., Jr., Ft Meade.

1st Lieutenant

Trainor, James L., Ft Sill, to USA Ord M Comd, Redstone Arsenal, Ala.

2d Lieutenant

Gloria, Michael A., Ft Benning, to Hq & Co USA Elm Fld Comd, DASA, Sandia Base, NMex.

To USA Ord GM Sch, Redstone Arsenal, Ala.

Groves, Delmer W., Ft Riley.

Hayes, Robert W., Ft Benning.

From Ft Lewis:

Morgan, Walter C. Woodie, Arthur G.

Platte, Melvin D.

To Germany

From Aberdeen Pr Gr:

Mahlik, Darrell I. Santiago, Jose R.

CHEMICAL CORPS—

Maj Gen Marshall Stubbs, C of F

Lt Colonel

Walsh, Paul J., Ft McClellan, to USA Cml Intel Agcy, Arlington Hall Sta, Arlington, Va.

Stone, William W., Carlisle Bks, to USA AGRU Korea, Yongsan.

Major

Spigarelli, Americo W., Denver, to USA Navy Act, Wash, DC, w/sta USN Sch Ordnance, Treasure Is, San Francisco.

Captain

Sargent, Francis M., Ft McClellan, to Det USA Instr Gp, Univ of Calif, Los Angeles.

Jones, George E., Jr., Ft McClellan, to USA Ord Det, Presidio of SF.

Russo, Frank L., Ft McClellan, to USA Trans TC, Ft Eustis.

Williams, Timothy C., Wash, DC, to Fourth USA, Ft Sam Houston.

TRANSPORTATION CORPS—

Maj Gen Frank S. Benson, Jr., C of F

Lt Colonel

Black, Peter T. L., St Louis, to Atlanta Gen Dep USA, Forest Park, Ga.

Major

Clearwaters, Boyd H., Ft Eustis, to USA Sp Actv Gp, Wash, DC.

Turkish Flight Surgeon Greeted At Reception



MAJ. Gen. Oliver K. Niess, Air Force Surgeon General, and Mrs. Niess greet Lt. Col. Camal Duman, Turkish Air Force Flight Surgeon, at a reception hosted by them at Bolling AFB, Washington, D. C., for 33 Allied Medical Officers representing 24 countries. The reception climaxed a tour sponsored by the USAF Medical Service for foreign medical dignitaries.

Education Counts More For Reserve Nurses

More credit will be given for educational background in appointing professional nurses to the Army Nurse Corps Reserve, the Army Surgeon General's Office has announced.

A Bachelor of Science degree may be substituted for 18 months of appropriate professional nursing experience; a Master of Science degree for three years of nursing experience; and a PhD or comparable degree for four years.

Previously, these degrees could be credited for only one, two, and three years of experience respectively.

Don't Delay ROPA Retirements Pentagon Official Asks Senate Group

From first page—
Committee, 25 May at the start of Senate hearings on the omnibus ROPA amendments bill, Assistant Secretary of Defense Charles C. Finucane said postponement beyond the five year grace period currently authorized would delay removal from active status in the Reserve of an unspecified number of officers in field grade or higher rank.

The Pentagon manpower chief said the delay also "would continue the current attrition based solely on maximum ages varying from 55 to 60 for officers in the grade of colonel or below" and this would result in continued retention in units of officers who are "too old for effective utilization in time of mobilization."

As written, ROPA provides that effective 1 July 1960 attrition will be based primarily on length of service and/or time in grade, rather than on age. When implemented, most officers colonel or below will be removed from active status by the time they reach 55.

Secretary Finucane said many Reserve units mobilized during WW II spent considerable time weeding out over-age combat commanders and officers. "Most of us are of the opinion," he said, "that we are not going to have as much time to get ready for any future emergency as we had during WW II."

He said the Services cannot afford to retain commanders who are 55 to 60 years of age. "These men, no matter how great as leaders, simply cannot stand the physical rigors of active combat," he said.

As the ROPA bill passed the House last year, it provided new rules which would delay until 1 January 1962 the removal from active status of over-age unit Reserve officers. Otherwise, they would be removed on 1 July 1960.

Secretary Finucane said the latter date, even though it is in the middle of the calendar year, was wisely chosen by Congress "for it is the end of the retire-

ment year for the vast majority of officers." He said many officers, knowing that the length of service attritive provisions of ROPA would become effective on 1 July and recognizing that they did not have a chance to qualify for retirement because of this effective date, already have severed their Reserve affiliation. If the date is changed now, he said, it would be extremely unfair to this group of officers.

The plans of individual Reserve officers have been governed by the 1 July 1960 date for the past five years, Secretary Finucane said. He told the Committee the Pentagon "strongly opposes any postponement of this effective date."

TRI-SERVICE AIRLIFT GIVES EMERGENCY HELP

Unified Emergency Airlift, with the cooperation of Army, Navy and Air Force units, came to the aid of WAC Captain at the Pentagon whose mother had been taken ill in Portland, Oregon, 18 May.

The officer's husband, an Army Colonel on the JCS Joint Staff, called Air Force Vice Chief of Staff, General Curtis E. LeMay's office to find out if any planes were leaving Washington which could carry his wife "space-available" to the West Coast.

General LeMay's office located a Navy plane leaving Anacostia Naval Air Station the morning of 19 May, which took her to El Toro NAS, Calif. At El Toro, the captain was met by an Army sergeant, who drove her to the Los Angeles Municipal Airport, where she caught a connecting flight and arrived in Portland early in the morning of 20 May.

Captain
Wilder, Stuart F., Ft Rucker, to USA ADGRU Korea, Yongsan.
Law, John T., St Louis, Mo, to France.

1st Lieutenant
Andres, Edward J., Dothan, Ala, to USARAL, McEvoy, Leo D., Ft Monmouth, to USA Trans Research Comd, Ft Eustis.

MILITARY POLICE CORPS—
Maj Gen Haydon L Boatner, PMG
Lt Colonel

Lain, Dalton W., Ft Gordon, to Korea.
Major
Higgins, George W., Jr., East Lansing, Mich, to USA Gar, Ft Myer.
Yowell, Robert C., Ft Myer, to Okinawa.

To Germany
From Ft Gordon:
Weible, Oscar J., Lepage, Julien H
Captain
Eastham, Cowan C., Jr., Ft Gordon, to USAR-CARLE (Antilles).

To Korea
Dundon, James E., Ft Gordon.
Hubbell, Richard O., Ft Gordon.
Kallam, John F., San Francisco.
Powell, Lloyd E., Ft Hood.

WOMEN'S ARMY CORPS—
Col Mary L. Milligan, Director
Captain

Bell, Edith M., Ft McClellan, to Hq USASA, Arlington Hall Sta, Arlington, Va.
Webster, Jeanne C., Ft McClellan, to USA Sig Gar, Ft Monmouth.
Jerrison, Dorothy L., Arlington, Va, to USARMS, Phoenix, Ariz.

1st Lieutenant
O'Rourke, Kathleen R., Ft Benjamin Harrison, to France.
Wood, Rosemary R., Ft Meade, to WAC Det TAGUSA, Ft Benjamin Harrison.
Steelman, Lois M., Ft Dix, to Hq 35th Arty Bde, Ft Meade.

CHIEF WARRANT OFFICERS—
Lavey, Patrick J., Cp Lucas, Mich, to 214th Sig Det USARADCOM, Selfridge AFB, Mich.

Cooper, Leon C., Ft Benning, to 13th Fld Hosp, Ft Belvoir.
Starup, Albert B., Redstone Arsenal, Ala, to 281st USASA Co, Shemya, Alaska.
Haugen, Obert O., Ft Benning, to TUSLOG Det 4, APO 133, NY, NY.
Hoch, Ernest K., Wash, DC, to 433d Army Band, Cp Irwin, Calif.
Stumpf, Andrew, Wash, DC, to 179th Army Band, Ft Carson.
Ridenour, Clyde B., Bristol, RI, to USA Air Def Bd, Ft Bliss.
Bason, William A., Childersburg, Ala, to Germany.
Stephens, Manuel W., Wash, DC, to France.

To Korea
Wilke, Arthur M., Aberdeen Pr Gr, Md.
Riley, Albert C., Ft Campbell.

WARRANT OFFICERS—
Dvorak, Donald W., Ft Belvoir, to Off Stu Det Hq & Hq Co USALS, Presidio of Monterey.
Briehl, Mark R., Ft Riley, to TPMG Cen USA, Ft Gordon.
Cashin, Richard W., Ft Bliss, to Germany.

RETIRED—
Colonel
Hill, Samuel T., AGC.
Henderson, Carroll B., QMC.
Keller, Henry A., Sig C.

Lt Colonel
Jones, Howard B., pd (60%) mil records corrected.
Hankerson, John A., pd (80%) fr temp disab ret list.

Major
Mirkin, Marjorie, ANC, pd (80%).
Steadman, Winnie, ANC.
Fels, Dorothy B., ANC, pd (60%).

Captain
Jones, Jesse M., pd (30%) fr temp disab ret list.

1st Lieutenant
Bronner, Alan M., pd (30%) mil records corrected.

Chief Warrant Officer
Summer, CWO-2 Elby H., pd (30%) fr temp disab ret list.

Retired Upon Application
Colonel
Toman, John J., Arty Raya, Geo E., Arty Maupin, C S, MC
Vieman, L D, Arty

Lt Colonel
Cardillo, L F, Inf Irvine, Jas P, Inf, as Barnett, Jas G, TC
Col
Baldrige, J D, Arty Brumfield, O M, CE
Lacapria, A, Arty, as Haddad, F B, Arty, as Col
Ginn, Harry L, Inf Jackson, Jas H, TC
Magers, F P, Armor Nelson, S R, Inf
Treadway, J E, Arty Morse, Gillman E, Inf
Matson, Victor I, MSC

Major
Smarr, Wytt C, MSC Horn, Sidney, AI
Hill, John J, Arty, as Riegler, R O, Sig C
Lt Col Oglethorpe, R J, Sig C
Byrnes, Jos B, MPC Elder, Smith L, Inf, as Lt Col
Eaton, Hugh M, Arm Kertling, W H, AI
Cahoun, Samuel

Captain
Reece, David P, SigC, Reinecke, C C, Inf as Maj
Mouton, Jos A, Sig C Hicks, Chas W, AI
Edminster, R M, CE Brown, S B, Sig C

Chief Warrant Officer
Hudgins, W-4 James W, Sig C, as Lt Col.
Howard, W-2 Iseral, jr, Arty.
Bell, W-3 Laddie P, Ord C.
McDonald, W-3 Rolland M, Sig C.
Hornel, W-3 Harold P, QMC.
Frank, W-3 William W, Arty.
Spivey, W-3 Thomas H, Ord C.
Towle, W-3 Richard B, QMC.
Johnson, W-2 Henry M, Ord C.
Bremel, W-2 Gerhard W, Sig C.
Briley, W-2 Fred L, AGC, as W-3.
Howard, W-2 Stephen B, MSC, as W-3.
Stensby, W-3 John L, Sig C.
Craven, W-3 Lawrence A, CE, as W-4.
Harrell, W-2 George B, AGC.
Millican, W-2 Maurice E, AGC.

TO TEMP DISAB RET LIST—
Testl, Maj Eolo, AI (60%).
Carey, Maj William T, AI (60%).
Kryloff, M/Sgt Eugene B, as Lt Col (100%).
Simons, M/Sgt Edward H, as Capt.

OFFICERS REMOVED FR TEMP DISAB RET LIST—
Wilkinson, 1st Lt Donald M, jr, AUS, ret.

RESIGNED—
Lt Colonel
Winslow, Donald J, MC
Major
Hurley, Thos J, Arm Keeling, Wm M, MC
Captain

Long, Wesley T, Arty Savage, Y D, AGC
Strawn, W M, jr, Arty Starr, John W, DC
Ehrlich, Ira R, Ord C Railens, L D, Arty
Wild, John E, Inf Johnson, D D, Arty

1st Lieutenant
McDaniel, J L, Sig C Andrews, R H, TC
Simpson, R W, Ord C Basse, Bernard W, CE
Storrs, Chas E, jr, Inf Enxing, D J, Arty
Schooley, W R, Arm Polansky, B, TC
Karsian, R T, CE Anderson, D F, Sig C
Ginn, Louis H, Inf

PROMOTED IN RA—
To Colonel
W/DR 1960
15 May: Hardiman, Ralph S, QMC.
16 May: Dixon, Oliver O, Inf; Roberts, William E, Inf.

To Lt Colonel
W/DR 1960
12 May: Hickman, Paul D, Ord C.
15 May: Luckenbach, Everett A, Armor.
16 May: Carroll, Walter D, jr, FC; Dietzel, Joe M, Ord C; Kergan, Christopher R, Inf.
17 May: Barnaby, Kenneth T, jr, Armor; Gaddis, Shelton, FC.

To Major
W/DR 1960
12 May: Mason, Harriet M, WAC.
13 May: Hassinger, Robert W, Inf.
15 May: Freese, Thelma U, ANC.
16 May: Griffin, Johnson L, Ch C.
17 May: Haughney, Edward W, JAGC.

To Captain
W/DR 1960
11 May: Lang, John E, CE; McMillen, Jas A, Arty; Wood, Charles C, Arty.
17 May: Colson, James B, jr, Ord C.

To 1st Lieutenant
W/DR 1960
11 May: Haldane, Douglas W, MPC.
13 May: Chenoweth, Robert T, TC; Echols, Bill D, Arty.
14 May: Grimes, Dans S, Arty.
15 May: Paulus, Lawrence R, Inf; Robbins, Grant C, QMC.
16 May: DeGraw, Allen C, TC.
17 May: Hood, George K, Arty.

RA PROMOTIONS CONFIRMED—
To Lt Colonel
Allan, J C, Arm Craig, Paul, Inf
Allen, M B, Arm Dunn, F L, OrdC
Axtell, Eugene N, Inf

To Major
Addison, W B, JAGC Burkett, J F, jr, Inf
Berg, Jacob J, Arty Beveridge, T M, Arty
Berry, Fred P, MPC Gaddis, H D, Arty

To Captain
Allen, T D, jr, Inf Cash, William G, Inf
Baird, N J, Arm Cauthen, J R, OrdC
Banford, C F, 2d, Inf Caggett, William, TC
Berry, E A, WAC Comiskey, R E, Arty
Berry, J A, OrdC Dixon, John B, Arty
Bryan, E P, SigC Dotson, Larry D, SigC
Buck, Kent L, Arty Hollihen, J M, Arty
Bullock, H R, MSC Jacob, G L, MSC

Burghardt, C A, CE
Cahill, P J, Arty
Cannon, Glen B, Arty
Carlin, R S, SigC
Carter, J B, Inf
Pulver, Elmer W, CE
Dannemiller, L M, Arm
Peck, D L, JAGC
Varnum, C S, CE

To 1st Lieutenant
Abruzzese, J P, MPC Carmody, R W, SigC
Anderson, D F, SigC Clowe, J F, jr, Arty
Aschettino, R F, SigC Cooper, J D, MSC
Barrett, J R, 3d, TC Cooper, R T, Inf
Botts, R H, SigC Crawford, J F, MPC
Cockrell, W F, jr, Inf Curran, F R, jr, FC
Cooney, J P, jr, MSC Desonier, R J, Inf
Croft, J A, QMC Feeney, R L, Inf
Dismukes, J R, Inf Florentino, W J, OrdC
Druit, C A, Inf Gordon, H J, TC
Mills, R R, jr, CE Moran, H B, MSC
Moran, H B, MSC Powell, H W, MSC
Abene, G V, Inf Theroux, G L, Arty
Baldwin, R C, Inf Wangemann, R T, MSC
Baxter, J R, MSC Wing, J R, TC
Bissell, D F, MSC Wynd, W R, CE
Boswell, L L, Arty

To CWO-3
Ballet, J P, OrdC Olejars, Boleslaw, AGC
Cain, W F, AGC Perkins, D H, QMC
Borrmann, C S, OrdC Plazak, J J, SigC
Kirby, E B, QMC Sibley, L I, OrdC
Kruse, J H, QMC Swannack, Guy, OrdC
Mangan, B J, QMC Yeager, M E, AGC
Mullins, C H, AGC Murphy, J F, AGC

TEMPORARY PROMOTIONS—
To 1st Lieutenant
Ghere, John R, Armor; Gibson, Billy R, Inf; Walsh, John A, jr, Inf; Youree, James F, Inf; Whiteside, John M, Armor; Lenio, Paul T, Inf; Gilliam, Glen L, OrdC; Vigeant, Bertrum A, TC.

To CWO-4
Corey, Kenneth S, QMC; Rooker, Robert L, AGC.

To CWO-3
Fregeau, Lawrence B, QMC; Jones, Charles A, QMC; Lake, Robert E, AGC; Miller, Paul R, AGC; Myers, Charles R, MSC; Power, Helen T, AGC; Yates, James B, jr.

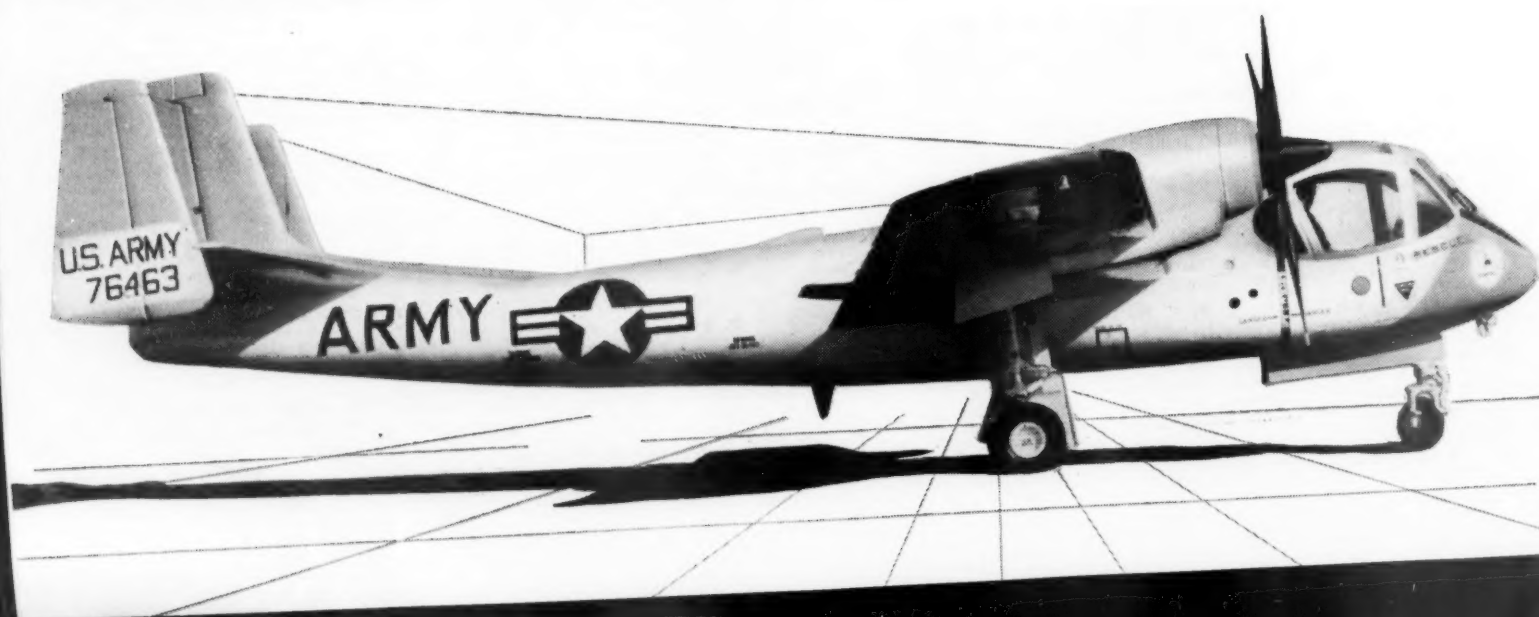
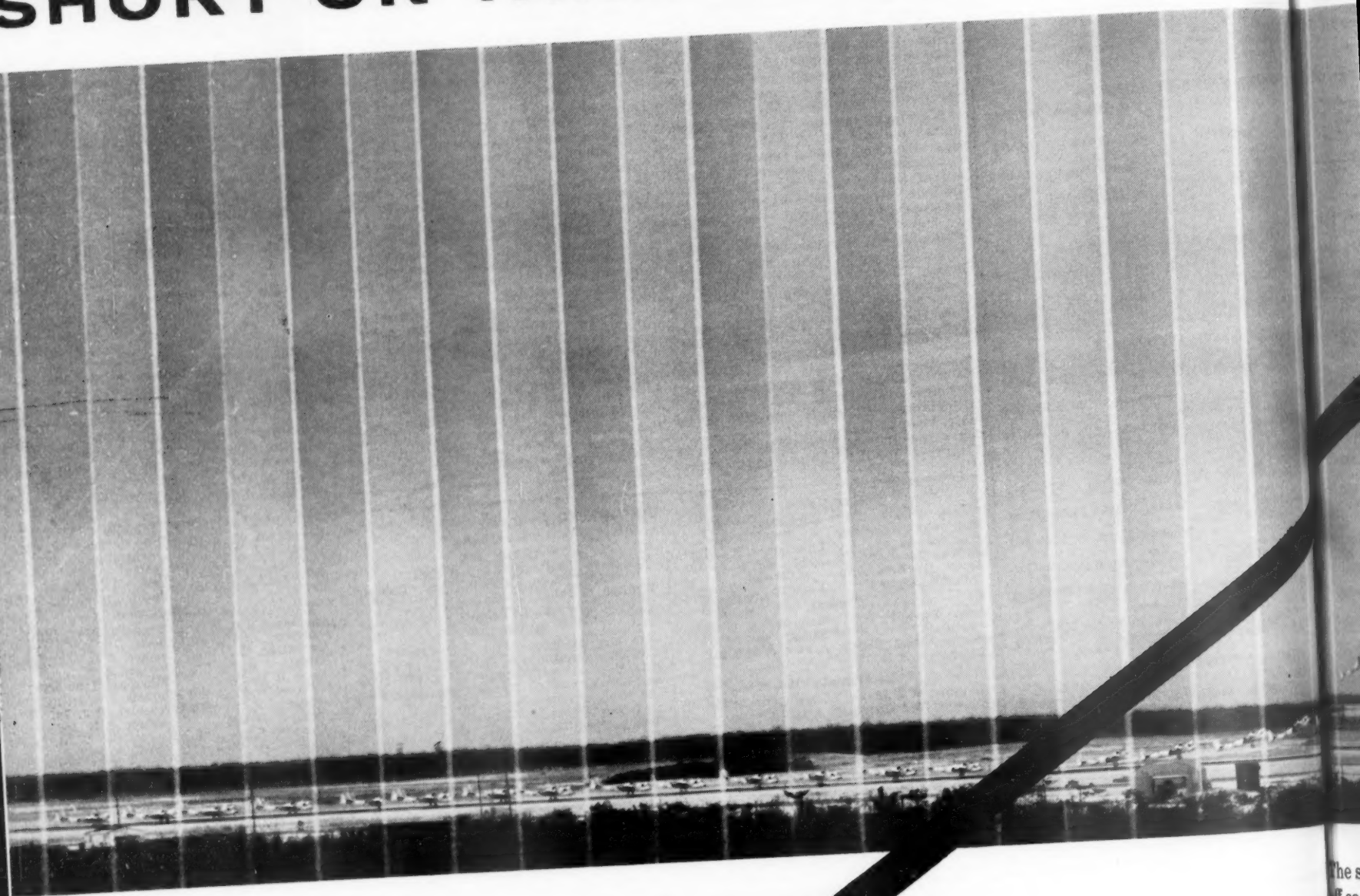
To CWO-2
Ford, John D, TC; Jewart, Jack E, OrdC.

HONORABLY DISCHARGED—
Collins, Maj Edward H, pd.

BRANCH ASSIGNMENTS—
Ensley, 1st Lt George E, USAR, fr Inf to SigC.

—Continued on page 20

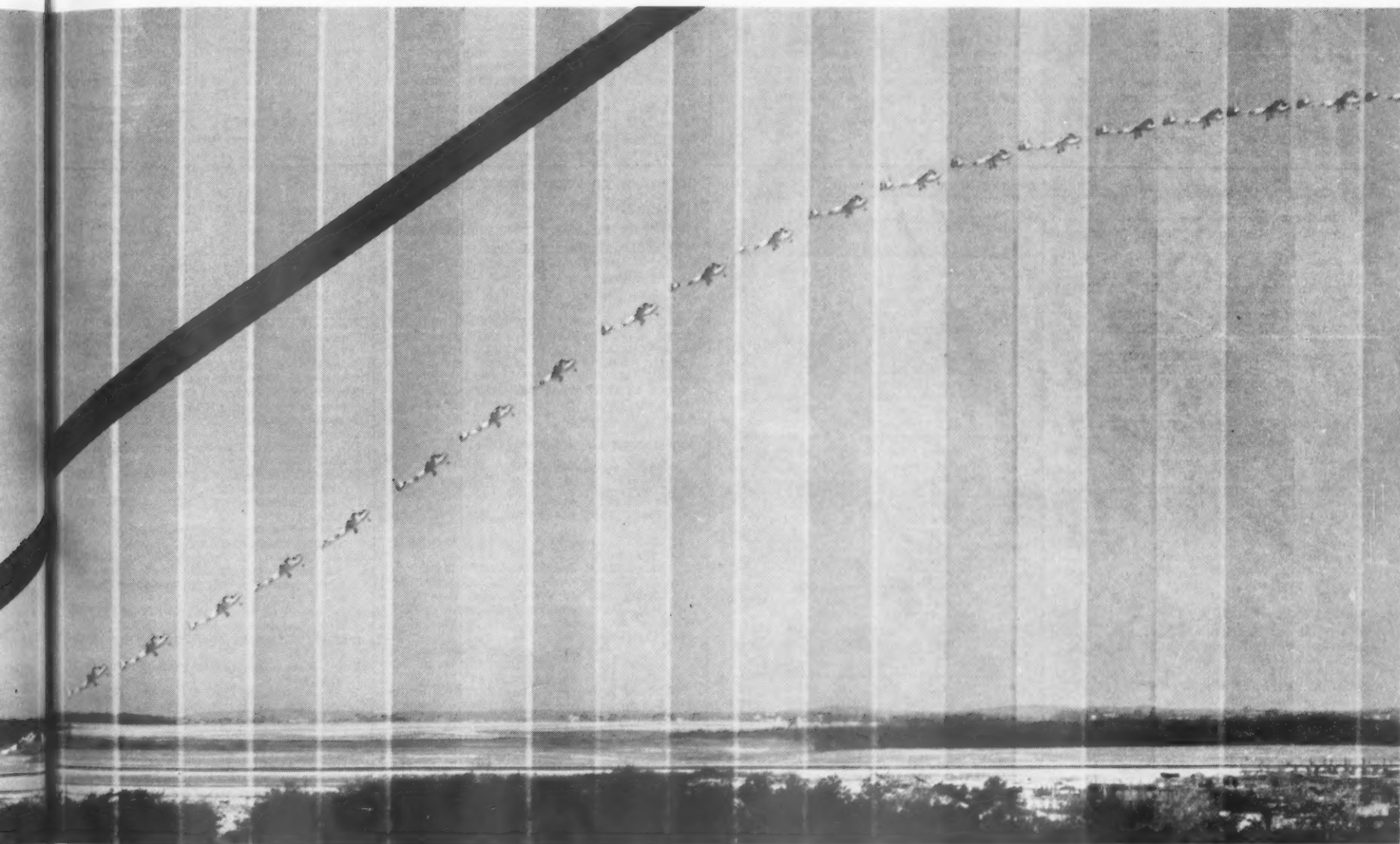
SHORT ON TAKE-OFF, LONG ONE



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PERFORMANCE... ARMY MOHAWK!



The sequence photo above shows the extraordinary short take-off capability of the "Mohawk"—new Army plane which utilizes Grumman's know-how in the design and development of STOL type aircraft.

It carries the electronic and photographic gear essential to its prime role in tactical observation and surveillance. It will literally "live" in the field with our modern pentomic Army. It's at home in the rough-going terrain of forward areas. It's a twin turboprop, all-weather aircraft that has unsurpassed maneuverability, speed, climb and range.

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President Nominates Members of U. S. Military Academy's '60 Class for Commissions

PRESIDENT EISENHOWER has nominated and the Senate has confirmed cadets of the 1960 class, U. S. Military Academy, for commissions in the Armed Services.

Following are those nominated for commissions. It should be noted that it will not be definitely known until graduation day, 8 June, whether all will actually be graduated.

Adams, Willie H, Jr
Allen, John H, Jr
Allen, Donald
Allen, Lee
Ammerman, R. H, Jr
Anderson, Robert P
Andrews, R. S, Jr
Arnold, Joseph V
Ash, Hughes L, Jr
Bailey, W. N, Jr
Baker, Anthony D
Baker, Charles R
Baldwin, E. R, Jr
Bara, T. J, Jr
Bere, George P
Barone, Ercole M
Barr, Allyn J
Barrell, Donald H
Barrows, R. R, Jr
Bauer, David W
Beavers, Leslie W

Belan, Charles G
Bellis, Edward A, 3d
Beltz, Ronald A
Bennett, Thomas R
Bernstein, Joel E
Berry, John A, III
Berti, John R
Bidgood, Ferdinand C
Bierly, Robert N, Jr
Bireley, Judson L
Blackstone, A. H
Blake, Phillip L
Blanton, John R, Jr
Blitch, William T
Bloch, Arthur L
Bobula, Joseph J
Bochnowski, Frank J
Booker, James A, Jr
Boyd, Richard K, Jr
Brady, Edward J
Brennan, Ambrose W

Brindley, Peter
Brisach, Eugene M
Brown, Jay S
Brownfield, H. A, Jr
Bullock, Thomas L
Bunting, Bertram A
Burden, John R
Burnell, Robert W
Burns, Robert E
Byrnes, David F
Caldwell, Joseph G
Caldwell, Ora O
Calverase, Francis J
Calvin, Harry C
Campbell, Dan H
Campbell, Richard J
Canant, Raymond G
Cannon, Joe M
Caraballo, Julian T
Carey, Arthur T
Carmean, C. H, Jr
Carnaghi, Richard A
Carpenter, W. S, Jr
Carron, Hector A
Carter, Kevin R
Cary, M. W, Jr
Casey, John L
Castleman, R. J, Jr
Cato, Richard W
Cerjan, Paul G
Chabot, Brian V
Chamberlain, W. F, Jr
Champ, Alan D

Chandler, Clark P, 2d
Chapman, Don C
Chapman, Gerald, Jr
Chappell, Phillip E
Chase, William C, Jr
Chitren, Vincent R
Clancy, Robert F
Clark, Claude L
Clay, Wayne
Clement, G. C, Jr
Coffey, L. R, Jr
Collins, C. D, 3d
Coombs, John G
Cooper, Milton E, Jr
Coose, Alonzo, Jr
Cote, Joseph R
Covell, Stillman D, Jr
Cox, Richard L, Jr
Creighton, William E
Cremier, Frank N
Croel, Philip M
Crosby, George T
Crowley, Edward M
Crum, Edward W
Crump, John C
Cullins, Ross H
Danforth, William W
Daniel, Richard A
Danielsen, T. S
Darling, Dean H
Darling, Merlin D
Daum, Richard S
Davidson, R. B, Jr

Davis, Joel L
Dawdy, William F
DePonti, John D
DePew, John C
DeWitt, J. L, 3d
Deagle, E. A, Jr
Dean, Arthur J, Jr
Decko, C. C, Jr
Denton, John R, Jr
Desgroseilliers, R. F
Dice, Denis C
Dice, Jack W
Donahue, Daniel J
Donahue, Thomas J
Dorsey, Ira
Douglas, James A
Downey, John T
Drake, Edmond H
Dreibelbis, H. N, Jr
Drews, H. F, Jr
Drollinger, W. O
Duncan, Wallace H
Dunlap, Albert J
Duryea, L. C, Jr
Dwyre, Charles M
Eckert, Robert D
Eckmann, Michael R
Ederstein, Rand
Elder, Jack E
Ender, C. E, Jr
Epley, G. G, Jr
Estes, R. F, Jr
Eubanks, Earl W

Eubanks, H. T, Jr
Evans, B. F, 3d
Everbach, Otto G
Eynon, T. F, 3d
Faery, Henry F, Jr
Fairchild, James B
Fairweather, R. S, Jr
Fanning, John P
Farrell, Francis W, Jr
Fay, William P
Fegan, Charles B
Feiber, Joseph G, Jr
Fenton, Roland D
Ferguson, Michael L
Fero, James P
Field, Michael F
Finley, G. A, Jr
Finn, Frank D
Flannery, Eugene P
Flint, Walker H
Florence, William E
Forbus, Jere K
Fortier, Joseph E, 3d
Fox, Nathaniel S
Foye, Robert, Jr
Furey, Bartley W
Fyfe, John C
Gagliano, Ross A
Gallo, Charles L
Garner, George K
Garton, Edward R, Jr
Garvey, James G
Gates, Richard H

Haycraft, Thomas J
Healy, Richard W, Jr
Heckman, George M
Helbock, Richard W
Herman, Dean A, Jr
Hervert, Richard J
Hesford, John P
Hickman, Stanford W
Hidalgo, M. A, Jr
Hill, Kenneth R
Hixson, John A
Hooas, John G
Hodge, David L
Hogarth, John D
Holland, Patrick J
Holleman, Richard J
Hopper, James A
Hourihan, W. J, Jr
House, John C
Houston, Darrell G
Howell, Eugene A
Hubard, John B
Hubbard, Donald A
Hubbard, Johnny R
Huber, Thomas H
Hug, Jack P
Humes, Jack T
Humphreys, J. E, Jr
Hutchinson, Joseph W
Hynd, John W
Jaekel, Richard A
Janszen, James H

Army Orders

From page 17—

Kelley, Capt Nicholas L, USAR, fr Arty to OrdC.
Packard, 1st Lt Bruce S, fr Arty to OrdC.
Buckens, 1st Lt Melvin S, fr Arty to OrdC.
Fosse, Capt Maurice J, USAR, fr Inf to OrdC.
Hurt, 1st Lt Kenneth, USAR, fr Inf to Armor.
Blascak, 1st Lt Donald W, USAR, fr Armor to AI.
Rives, Capt Jerry M, USAR fr Arty to OrdC.
Ryan, Capt Lester L, USAR, fr Inf to AS.
Turnbow, 2d Lt James K, USAR, fr Inf to CE.

DESIGNATED ARMY AVIATORS—

Senior Army Aviators:

Bagwell, Capt Laven, Armor.
Brown, Capt John R, TC.
Finley, Capt Thomas O, Armor.
Howell, Capt Harold L, CE.
Stepp, Capt Joseph J, Jr, TC.
Orrell, Capt Herman M, TC.
Smith, Capt William D, Arty.
Moczygemba, CWO-2 Norbert W.
Beery, Capt Henry N, Jr, SigC.
Otto, Capt Gordon F, Inf.

ADVANCED ON RET LIST—

Startt, M/Sgt John W, to Capt.
Stanley, M/Sgt George B, to Capt.
Hall, M/Sgt Robert A, to 1st Lt.
Stone, M/Sgt William L, sr, as CWO-2.
Pearce, M/Sgt Johnson L, to WO.
Kuba, M/Sgt John, as WO.
Bolk, Sfc Frank, as M/Sgt.

EM RET & TRF TO USAR—

Hennick, S/Maj W P
Baranovic, Sp5 Geo
Brown, M/Sgt H L
Cagle, M/Sgt L J
Duckett, S/Maj J W
Fenton, M/Sgt R D
Hammack, Sfc L T
Hesson, M/Sgt H F
Hubbard, M/Sgt H E
Kaus, Sfc B E
Lester, M/Sgt W R
Maserang, M/Sgt R C
McKenney, M/Sgt
Gordon S
Murphy, Sgt W T
Nichols, M/Sgt J M
Ottaviano, M/Sgt A F
Ries, M/Sgt W E
Schroeder, M/Sgt
William M
Tribble, M/Sgt C B
Watford, Sp5 Floyd
Baez, Sgt Ramon
Carnes, Sp5 J C
Chiodo, M/Sgt S F
Erickson, Sgt D G
Hoerner, M/Sgt E C
Jessen, Sp5 J T
Knickerbocker, S/Sgt
Edward J
Martin, M/Sgt Elmer
Mead, Sfc H V
Miller, M/Sgt E F
Shaw, M/Sgt M A
Brothers, M/Sgt R R
Cummings, Sfc D C
Leggett, 1st Sgt R B
Niswander, Sfc R W
Norris, M/Sgt A
Pierce, Sfc H J
Reynolds, M/Sgt
Henry, Jr
Roof, Sfc J C

Wiggins, Sgt Jay T
Witt, Sfc F C
Abercrombie, Sp4
Earl J
Bertelson, Sfc P C
Crafton, S/Maj G T
Curran, 1st Sgt J P
Davis, M/Sgt H R
Dias, Sfc J C
Dunbar, Sfc M J
Fullen, M/Sgt Melvin
Hurst, Sp5 William
Jones, Sfc S A
Laufer, M/Sgt H W
Baldridge, Sfc M
Boyd, Sfc R A
Bruce, M/Sgt V R
Bush, Sfc R R, Jr
Carr, Sgt E A
Heath, S/Maj H B
Luna, M/Sgt J J
Owens, M/Sgt A F
Pledger, Sfc J R
Rankin, M/Sgt R P
Reeder, Sfc J L
Sentipal, Sp5 E J
Smith, M/Sgt F J
Smith, M/Sgt R T, Jr
Wallach, Sfc Seymour
Weeks, Sp5 V E
Cormier, M/Sgt O J
Cruz, Sfc Agustin
Dill, M/Sgt L S
Ensley, M/Sgt C F
Hart, Sfc Leon
Higginbotham, M/Sgt
Robert L
Lilly, Sfc G E
Lorance, M/Sgt C M
Mitchell, M/Sgt M F
Norton, M/Sgt E A, Jr
Norton, Sfc H V
Self, S/Sgt Carl C

Smithwick, M/Sgt
Thomas G
Sorrell, M/Sgt A A
White, S/Maj W H

Smith, M/Sgt R E
Tyboroski, 1st Sgt
Casimir S
Schneider, M/Sgt R V

ENLISTED MEN RETIRED—

Elliott, S/Sgt John C, as Lt Col.
Jubeck, M/Sgt John F, as Lt Col.
Glass, M/Sgt Thomas E, as Lt Col.
Shaffer, M/Sgt J D, as Maj.
Follette, M/Sgt Roger L, as Lt Col.
Cummings, M/Sgt Leonard D, as Col.
Purlee, S/Sgt Menlo M, as Col.
Chitwood, M/Sgt Paul W, as CWO-3.
Butler, S/Sgt King S, as Lt Col.
Greenbush, M/Sgt William E, as CWO-2.
Myers, M/Sgt Oscar L, as Lt Col.
Martinez, Sgt Manuel H, as Lt Col.
Munoz, Sfc William P C.
Hinkley, M/Sgt Harold R, as Maj.
Plemmons, M/Sgt Clarence W, as Maj.
Jones, Sfc Aaron L, sr, as WO.
Deagle, M/Sgt Elwell T, as Maj.
Johnson, Sfc Charlie W, as Lt Col.
Gray, Sgt Bennett G, Jr, as Lt Col.
Butcher, Sfc P V
Webb, Sfc C W
Smith, Cpl Isaac
Surman, Sgt E J
Blanks, M/Sgt James
Gross, Pfc Collins
Kirk, Sp4 Everett
Smith, M/Sgt W G
Chu, Pfc Joseph
Spillman, Sfc Walter

Smith, M/Sgt R E
Tyboroski, 1st Sgt
Casimir S
Schneider, M/Sgt R V

USAF Orders

From page 11—

Hunt, (LtCol) Edward E, as LtCol & adv to Col.
Hanna, Archibald J.

Lt Colonel

Newman, Samuel W
Gunter, Clare E
Fizer, Elmer P
Jackson, Russell C
Tiller, Francis E

Major

Vosburgh, Neil A, as LtCol.
Baker, Cecil W, as LtCol.
Thomas, William G.
Maloney, Joseph H, as LtCol.
Bates, Gordon D.
Field, William E, as LtCol.
Jackmore, Ernest H, as LtCol.
Von Lohen, Kurt E, as LtCol.
Powis, Stuart H, as LtCol.
Nielsen, Leonard E.
Koller, Clark, as LtCol.
Crossland, Rawls C, as LtCol.

Captain

Beers, Rex H, as Maj.
Friske, John C.
Stoka, George L.
Key, Francis S, as Maj.
Roberts, Cecil M, as Maj.
Sopkin, Seymour S, as Maj.
Yemma, Dominic A, as Maj.
Nulph, George E, as Maj.
Cook, Robert W.
Wilgus, William H.
Waters, Frank L, as Maj.
Huskey, Joel D, as Maj.
McClendon, William M, as Maj.
Huff, John R, as Maj.

Chief Warrent Officer

Graves, W-3 N B
Murphy, W-4 G C

Williams, W-4 R V

OFFICERS TO TEMP DISAB RET LIST—

Meketa, Capt George A.

OFFICERS FR TEMP DISAB RET LIST—

Ogden, Maj William B, & disch.

RESIGNED—

Bos, Maj Norman C
Johnson, Capt B W
Croft, Capt David W
Gaske, Capt M C
Snyder, Capt B L
Tinkler, Capt W P
Hunt, Capt M E
Didler, Capt E P
Jackson, Capt L H
Hopkins, Capt A P

Mullins, Capt E H
Milliken, Capt W R
Nahabedian, Capt A J
Stearns, Capt T M
Farr, Capt J L
Lauten, Capt (1st Lt)
Wayne G
Mason, 1st Lt A S
Boettger, 1st Lt Kurt
H K

PERMANENT PROMOTIONS—

To Major

W/DR 60

9 Jan: Pate, Ernest W.
10 May: Aldrich, Allen R, Walker, Eldon C.
11 May: Easley, Frank; Wrinkle, Jack H; Bell, Woodrow M.
12 May: MacKinnon, Robert L; Gunn, William F; Homich, G E; Garoni, Aldo E; Sowers, Robert L; Holton, William J.
17 May: Barr, Thomas J; Berneburg, L L; Wassner, W R; Ross, Herbert E; Vice, C R; Yep, George.

To Captain

11 May: Johnson, Lynn D.
12 May: Strother, Byrne E; Cox, Dennis J; Dillingham, Frank R; Dent, Troy J; Scott, Jimmy F.
17 May: Roth, Arthur L; Eaton, Glenn G.

To 1st Lieutenant

10 May: Rawlings, Peter E.
17 May: Thomas, Nathan H.

To CWO-4

11 May: Solberg, Harold E.
12 May: Bordovsky, Adolph D.

To CWO-3

12 May: Mattice, Henry E.
17 May: Hesselbach, W E.

HONORABLY DISCHARGED—

McGulgan, 1st Lt James J.

CORRECTION—

Prewitt, Maj Ernest L, prev ors re his rsg fr Wash, DC, to 1038th USAF Aud Gen Sq, Hq Comd USAF, APO 323, SF, IATR "to dy sta Ofc, USAF Res Aud, APO 953, SF."

AIRMEN RETURNED TO RET STATUS—

Noyes, M/Sgt George E.

AIRMEN RETIRED—

SM/Sgt: Dolde, Wilson F.
M/Sgt: Burchill, Raymond J; Kaczmarek, B F; Lucas, Thomas W; James, Carlos E.
T/Sgt: Kirk, B F; Anderson, Charles J; Mitchell, James R; Vallandigham, Ben, Jr.
S/Sgt: Erhard, Emil J; Dover, James A; Reynolds, Cecil L; Ahl, William M, Jr, as LtCol; Cordova, Richard V; Pineau, P R; Nelson, Milo; Hooper, Otis R.
A/1C: Latourell, H F; Stark, Roger B; Rasmussen, Otto A.
A/2C: Sidberry, William T; Marshall, John E.
A/3C: Burns, Danny; Sowa, P M, Jr.

Marine Orders

From page 7—

Kelth, William C, Jr, 1st Mar Div, to Fld Com DASA Sandia B, Albuquerque, NMex.
Nelson, Donald R, NAS, Atlanta, to MARTD
MARTC NAS, Grosse Ile, Mich.
Park, Charles E, FMFLant, to Wesleyan Univ, Middletown Conn.
Patton, Walter B, Monterey, Calif, to NA Admin U MIT, Cambridge, Mass.
Ruhsam, John W, Seattle, Wash, to MAR TD MARTC NAS, GLEN.
Skvaril, Warren J, Bermuda, to Air Univ Maxwell AFB, Montgomery, Ala.
Henneberger, Harry G C, 2d MAW, to Nav Avn Safety Cen, NAS NorVa.
Jackson, Mallett C, Jr, HqMC, to NROTCU Northwestern Univ, Evanston, Ill.
Le Falve, Edward N, College Pk, Md, to FMFPac.
Malone, Crawford B, 1st MAW, to Stanford Univ Palo Alto, Calif.
Cooper, Milton B, S Fran, to MCRDep, S Diego.
See, Charles M, Jacksonville, Fla, to MB NAD Earle, Red Bank, NJ.
Allen, Robert L, Annapolis, to NROTCU Rensselaer Polytechnic Inst, Troy, NY.
Bekins, Robert "Q," Jr, Fallbrook, Calif, to MCB CamPen.
New, Noah C, Monterey, Calif, to NROTCU MIT, Cambridge, Mass.
Sudnick, Ralph M, MCRDep, S Diego, to 1st Mar Div.
Von Horn, Charles S, NAS, Pncla, to 2d Mar Div.
Wilsey, Robert L, Monterey, Calif, to NROTCU, MIT, Cambridge, Mass.
Rudzis, Edwin M, Albuquerque, N Mex, to USN PostG Scol, Monterey, Calif.
Snell, Albert W, MCB CamPen, to NROTCU Stanford Univ, Stanford, Calif.
Nelson, William L, HqMC, to 1st MAW.

TO MCS, Quant

Moody, Richard E, Comdr PhibGru.
Casey, Daniel A, Jr, Red Bank, NJ.
Comroy, Donald, Belmont, NC.
Petty, Douglas D, Jr, College Pk, Md.
Webster, William J, NAS, Pncla.
Scheffer, Cornelius, HqMC.
Knowles, Harold R, TAC Sq 12.
Mader, John F, HqMC.

To 2d MAW

Pines, Gerald L, HqMC.
Wallace, Charles M, Jr, Keesler AFB, Miss.

To 3d MAW

Greene, Joe R, NAS NorVa.
Lerond, Jack M, HqMC.

To USA C&GSC, Ft Leavenworth

Davis, Stanley, Hartford, Conn.
Groomer, Roland C, Louisville, Ky.
Thomas, Alfred I, Toledo, O.
Harris, Charles W, ComPhibPac.
Greene, Richard P, MCS, Quant.
Leogue, John J, 1st MAW.

To NWC, Npt

Aitken, Hugh S, MCS, Quant.
Bunnell, Charles F, Jr, 2d Mar Div.

To HqMC

Toups, Thaddeus J, 9th MCRD.
Remington, Edgar F, AirFMFPac.

CAPTAIN

Plontek, Edward, S Francisco, to MB NTC GLakes.
Ray, Irene L, HqMC, to MCB, CamLel.
Ohanesian, Victor, MCS, Quant, to NWC Npt.

—Continued on page 27

Comptroller Bans Submarine Hazard Pay For Seven Mile Descent In Bathyscaph

THE Comptroller General has ruled that Lt. Don Walsh, USN, who descended seven miles below the Pacific Ocean in the Bathyscaph Trieste, is not entitled to submarine pay.

Without further comment, here is the Comptroller's explanation:

"As its name implies, a bathyscaph (bathys, deep; skaphos, bowl, skiff) is a vessel capable of submerging to great depths—a submersion of some seven miles has been accomplished by the Trieste—and we understand that it has a propulsion which enables it to maneuver horizontally when submerged at a speed of about two knots per hour. Thus, as stated in the letter of March 31, 1960, a bathyscaph is a 'submarine' in the literal sense of that term. It does not follow, however, that duty aboard a bathyscaph is 'the duty on board a submarine,' contemplated by section

204(a) for which incentive pay accrues.

"When used to describe a vessel of the United States Navy the term 'submarine' ordinarily is understood as having reference to an armed combat ship capable of operating for considerable periods of time on the surface and submerged, as a self-contained independent unit of the fleet. The hazards, mental and physical, both actual and potential, and the unusual command and crew responsibilities incident to the performance of duty on board such a vessel are readily apparent and would appear to be unique in the Navy.

"We believe it is the hazards of duty on board such a vessel that Congress had in mind when it authorized the payment of incentive pay for duty on board a submarine.

"The bathyscaph does not appear to be a combat vessel, its principal pur-

pose being the study of oceanography. Although it is a submersible vessel and is capable of a limited degree of maneuverability while submerged, it apparently is not a true self-propelled vessel and is wholly incapable of self-contained independent operation.

"The bathyscaph appears, in fact, to be a highly specialized deepsea diving apparatus and duty aboard a bathyscaph appears to have features similar to some of those of diving duty.

"In the circumstances we would not be justified in concluding that duty on board a bathyscaph is duty on board a submarine within the contemplation of the submarine-duty incentive pay provisions of section 204."

Lieutenant Walsh and Doctor Jacques Picard set a world record when they took the Bathyscaph Trieste to a depth of 35,800 feet on 23 January in the Marianas Trench in the Pacific.

Lieutenant Walsh, who was Officer-in-Charge, received the Legion of Merit for his hazardous feat.

Navy officials told The Journal that he is not entitled to receive diving pay.

Inter-Service Shift Bars Dislocation Pay

COMPTROLLER General Joseph Campbell has ruled that an officer who transfers from one Service to another cannot collect a dislocation allowance for his move to a new duty station after the transfer.

Navy officials say they will protest the Comptroller's ruling as being unfair to the officers concerned and defeating the purposes of the Defense Department's recent inter-Service transfer policy.

Specifically barred from collecting the allowance was Capt. (now Lt.-USN) Her-

bert L. Schnell, jr., who, as a result of his transfer from the Marine Corps, was ordered from duty at El Toro Marine Corps Air Station, Calif., to the Naval Air Station, Miramar, Calif.

Mr. Campbell said that Lieutenant Schnell's move must be considered the same as an initial entrance on active duty, and he can collect only travel and transportation payments from the place from which he was ordered to active duty to his first Navy duty station.

Donnelly, Joseph A, Wash, DC, to Univ of Md, College Pk, Md.
Johnson, Floyd J, Jr, Jackson, Miss, to MCOSO, Nashville, Tenn.
Walker, John B, Jr, Atlanta, to MCOSO, Macon, Ga.
Rehfs, James R A, Bangor, Wash, to MB NB Brem, Wash.
Still, Harold R, 3d MAW, to Nav Aux Comm Center, Taipei, Taiwan.
Ford, Daniel J, Portsmouth, NH, to Det GW Univ, Wash, DC.
Glowicki, Walter F, FMFLant, to USNA Anna.
Belt, James L, 1st Mar Div, to 3d Mar Div.
Clements, Frederick D, Wash, DC to 1st MAW.
Towle, Frederick D, Indian Head, Md, to 1st Mar Div.

To 2d MAW

Smith, William D, 1st Mar Brig.
Went, Joseph J, Beaufort, SC.

To MCS, Quant

Stiles, Leland S, HqMC.
Quisenberry, James R, Ft Meade.

To MAR TD MARTC NAS, Olathe, Kans

Davis, Lucius O, 1st MAW.
Goodsell, William J, 3d MAW.

To USN PG Scol, Monterey, Calif

Kitterman, Warren P, USNB GTMO.
Gonzalez, John C, NTC BAIN.
Lapham, Thomas J, Wash, DC.

To USA Inf Scol, Ft Benning

Skagerberg, Alan E, Salt Lake City.
McKinstry, William E, 1st Mar Div.
Swayne, Robert W, 3d Mar Div.
Bodnar, Nicholas K, 2d Mar Div.
McDonald, Richard C, 1st Mar Div.
Coughlin, Richard L, 2d Mar Div.
Higgins, James H, Montgomery, Ala.

To USA Armor Scol, Ft Knox

Kaln, Edward W, Albany, NY.
Delaney, James J, 2d.
Macha, Benjamin E, Yokosuka, Japan.

1ST LIEUTENANT

Gilligan, Adrian, 3d Mar Div, to MAD NABTC NAS, Pncla.
Hanna, Don K, 3d MAW, to NR 766 VMP, Royal Nav Air Sta, Yeovilton, England (US/UK Exchange Program).
Reeves, Michael P, 2d MAW, to FMFPac, for Difot w/1st ANGLICO.
Stewart, James T, Jr, Sangley Pt, to ForTrps FMFLant.
Bellis, George G, 2d Mar Div, to MCRDep, PISC.
Talbot, Nancy J, Chicago, to Ninth MCRRD.
Shank, Paul J, Jr, Monterey, Calif, to MCRDep, S Diego.
Westcott, William F, ForTrps FMFPac, to MCS, Quant.
Collasard, Barry S, Ft Meade, to 2d Mar Div.
Frost, Frederick W, 3d, 3d MAW, to 1st MAW.

To 2d MAW

From Kingsville, Tex:
Robertson, Richard S, Suedekum, N F

To MAD NABTC Pncla

Brownrigg, Richard A, 1st Mar Div.
Stevens, Richard W, For Trps FMFPac.

2D LIEUTENANT

Elde, Elling O, MCS, Quant, to ForTrps FMFLant.
McClain, Billy L, MCB CamPen, to 3d Mar Div.
Waters, Arland L, MCS, Quant, to 1st MAW.
Buell, David L, Kingsville, Tex, to 2d MAW.

To MCS, Quant

Cathell, Peter H, Salisbury, Md.
Sadler, Kenneth R, Knoxville, Tenn.
Ward, Sanford D, University, Miss.
Chambless, Edward L, Atlanta, Ga.
Young, Harry C, Jr, Columbus, O.
Kreider, James W, Philadelphia.
Thompson, James G, Madison, Wisc.
Tremayne, Stanley M, NAATC CorpC.

From USAFA, Denver:

Baker, Robert L, Mills, James D
Kerr, James A, Jr, Peterson, Wayne A
McCall, Charles M, Whitfield, Howard M

From CNABT:

Ralthe, Robert B, Jr, Sundstrom, David A
Martz, George R

To 3d MAW

From Beeville, Tex:
Dameron, John R, Roberts, Herbert L
Richter, Charles J

CHIEF WARRANT OFFICER

Vick, William L, MCS, Quant, to NPP Indian Head, Md.
Stutts, Commodore, Kaneohe Bay, to MCSC, Albany, Ga.
Sullivan, William J, 3d MAW, to MCAF Santa Ana, Calif.

WARRANT OFFICER

Gentry, Edwin S, MCB CamLej, to USS Princeton.

RETIRED

Colonel

Bergen, Orville V

Lt Colonel

Cross, Thomas J, Giles, Walter R
Gray, Robert H, Streater, William M
Major
Kronberg, William A, Brock, Willie W
Cutler, Thomas H

Captain

Palmer, Wayne G
Bowman, James L, to temp disab ret list.
Loften, John, Peterson, William M
Chief Warrant Officer
Beard, W-4 Herbert W, to temp disab ret list.
Garcelon, W-4 Frederick F.
Carney, W-4 Robert B.
Cyr, W-2 Abel J.
Millican, W-4 Porter F.

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CNO States Views On ASW Management; Budget Needs

From first page—charging that the Navy has "failed" to push the program with "sufficient vigor."

Admiral Burke told the Senators the Navy believes it has "a vigorous anti-submarine warfare program which is becoming more and more effective."

He said the program "involves nearly all elements of the Naval operating forces and impinges heavily on the procurement of ships, aircraft and associated equipments and weapons. If any one person could be considered as a single manager of the antisubmarine warfare program that individual would have to be the Chief of Naval Operations."

In concert with Navy Secretary William B. Franke, Admiral Burke urged the Senate to restore the \$293 million carrier sunk by House action, as well as

\$187 million cut from other Navy programs by the House.

Both officials told the Senate committee, however, that the Navy can get along without the additional \$520 million which the House voted to accelerate the Polaris and ASW programs.

Of all the changes made by the House, Admiral Burke said those which would have the "most profound effects on the Navy" are the deletion of the carrier, the expansion of the Polaris program, and the augmentation of the ASW program. Major changes in these forces and programs, he said, would react on each other over the long term "and would tend to upset the balance" which the Navy is trying to achieve.

Noting that it takes about four years to build an attack carrier, the CNO said the Navy already has "lost one year" and to delay further will "unbalance"

the 1966 attack carrier force. Unless a new carrier is started this year, he said, the Navy will still have four Essex-class carriers in the fleet in 1966, and by that time the Essex's will be "too old, too worn out."

In turning down the additional Polaris funds, Admiral Burke said the Navy, when it completes final tests of the Polaris, expects to request a supplemental appropriation to start construction of "some or all of the nine submarines for which advanced procurement funds are requested."

This action, he said, would carry out the intent of the House "while preserving the proper balance among Navy programs." The only difference is that two Polaris subs would be ready for deployment sooner under the House plan, he said.

RAdm. Beardsley Gets Third Star In June

RAdm. George F. Beardsley, Navy Deputy Comptroller, will succeed VAdm. Edward W. Cleton, Chief of Naval Material, next month in three-star rank.

RAdm. Lot Ensey, Assistant Navy Comptroller and Director of Budget and Reports, moves into the post vacated by Admiral Beardsley.

RAdm. Morris A. Hirsch, Assistant Chief of the Bureau of Naval Weapons for Fleet Readiness, relieves Admiral Ensey.

RAdm. Bernard M. Stroom, Chief of Staff and Aide to VAdm. William L. Rees, Commander, Naval Air Force, Atlantic Fleet, takes command of Fleet Air, Whidbey Island, Wash.

Admirals Beardsley, Ensey and Stroom move into their new posts in June. Admiral Hirsch reports to his new billet in May.

Navy Orders

From page 6—

Grohs, Conrad E (CEC), Hq USMC Henderson Hall Arlington; to PWO NavSta Rota. Haines, John L, CO USS Nereus; to Staff ComSecndFLT.

Hale, Henry H, AsstCh JUSMAG Spain Madrid; to NavExamBd NavDept. Harris, Leroy E, CO AtkRon 122; to Staff ComNavAirPac.

Henry, Eugene B, Jr, The JStaff Ofc JCS WashDC; to CO USS Arcadia. Irons, Edward P (MC), NavSta Rota; to NAS Patuxent River, Md.

Irvine, Robert K, OIC Livermore Div Fld Comd DASA Lawrence RadiationLab; to CO USS Compass Island.

Johnson, Charles R, CofS and Aid ComCru Div One; to JStaff CincPac. Johnson, Richard E, CO NAD Shumaker Camden; to CO USS Pollux.

Judson, Charles S, Jr, CO USS Noble; to CO NAD McAlester. Lambert, Vladimir G, Staff CincPacFlt; to CO USS Ashtabula.

Lambing, Charles L, ChStaffOff ComFlair Wg 11; to CO USS Allagash. Lanham, Harvey P, CO USS Pine Island; to CO USS Independence.

Lillie, Morton L (MC), NavHosp Guam; to MarCorSupCen Albany. Lehman, John S, SpAsst for NavSecGru Matters and Head Naval SecGru Europe; to CO NavSecGruActy Edzell.

Lyndon, Dennis C, The JStaff Ofc JCS Wash DC; to CO USS Des Moines. Managhan, Robert R, Asst for NavBase Matters 14ND; to CO USS Hector.

McKinney, Howard B (DC), NavDental Clinic CampPen; to NAAS Kingsville. Messer, John G, ComDesDiv 82; to OpNav.

Michael, Fred D, USS Vulcan; to CO Nav HarDefU Norfolk Little Creek. Miller, Robert N, XO NAS Norfolk; to Op Off Staff ComCarDiv One.

Minner, Delbert M, CO AirTransRon Seven; to NavHosp Oakland Trmt. Murphy, Walter J, NavBase Guantanamo Bay; to Ofc of JAG NavDept.

Nelms, Kenneth S, US Sending State Ofc for Italy Rome; to 11ND. Nielsen, John L, Coordinator of Tests Nav TestCen Patuxent River; to CofS and Aide ComBarPac.

Penland, Joe R, CO USS Lake Champlain; to DCofS for PacProjDiv OpTEvFor Staff SDIEGO.

Riordan, James T (CEC), PWO NAS Barbers Point; to OIR NavDept. Robertson, Charles M, OpNav; to CO NROTC Purdue Univ.

Robinson, Jesse P, Jr, CofS and Aide Com BarPac; to CO NAS Johnsville. Rydeen, Francis G, OpNav; to ComDesRon Eight.

Sutherland, Elton W (SC), SupOff Puget SoundNavShipYd; to CO NavOrdSupOfc Mechanicsburg.

Swanson, Leroy V, The JStaff Ofc JCS Wash DC; to CO USS Haleakala. Thompson, William C, Jr, ComSubRon Five; to Staff CincSouth.

Trum, Herman J, 3d, OpNav; to OpOff Staff ComCar Div Seven. Westerman, Jesse V (DC), BuMed; to NAS Jacksonville.

White, Marshall W, CofS and Aide Com CarDiv Three; to Staff SACLant. Williams, Gordon B, CO USS Mathews; to AdminOff PugetSoundNavShipYd.

COMMANDER

Barlow, Jerry M, AIRDEVRON SIX; to OFC OF BUWEPGENREP CENDIST WRIGHT PATTERSON AFB.

Brown, Carleton J (MC), MARAIRGRU 32 MCAAS BEAUFORT; to USS SHANGRI LA.

Cowart, John S, JSTAFF CINC/COMUSFOR KOREA; to SND.

Dahlen, Vincent R, USS HANCOCK; to CRUITRACOM NTC SDIEGO. Farrell, Ted L, SECONDFLT; to CO ATK RON 15.

Hunt, Robert J, CO FASRON 114; to BU PERS. Le Valley, James B, AFSC NORVA DUINS; to NROTCU UNIV OF CALIF.

Perkins, Tom A, BUWEP; to MIDEAST FOR. Shaw, Frank J, USS ALBEMARLE; to STAFF CINCACFLT.

Totherow, Clark C, 4ND; to SECONDMAW. Trautmann, John R, CO PATRON 28; to OPNAV.

Baranowski Brothers Report To New Billets

The Navy has ordered the Baranowski brothers—Captains John J. and Walter E.—to new assignments in June.

Capt. John J. Baranowski, an aeronautical engineering duty officer, reports to the Bureau of Naval Weapons after commanding the Navy Air Rocket Test Station, Lake Denmark, N. J.

Capt. Walter E. Baranowski, an engineering duty officer, departs the Portsmouth Naval Shipyard, N. H., to become Supervisor of Shipbuilding at Bath Iron Works, Me.

Wall, Maurice E, FLEOPCONCENLANT NORVA; to COMCORTRON THREE. Ballard, Hinton H, 6ND; to PHIBGRU FOUR.

Durley, William N, USS PICKAWAY; to FLETRACEN SDIEGO. Evans, Herman, Jr, NAVAVSAFETYCEN NAS NORVA; to USS BENNINGTON.

Gray, Taylor W, USS NITRO; to JSTAFF CINCLANT AS ASST TO USLNOFF TO SACLANT.

Hassett, Walter D, 13ND; to NAS MFS. Kicker, Harold J, CO USS SIRIUS; to OFC OF BUWEPREP AEROJET GENCORP AZUSA.

Lacy, Paul L, Jr, OFC OF ASST DIR FOR NAVREACTORS DIVREACTORDEV AEC DUINS; to CO USS ETHAN ALLEN.

Lantrip, Lester W, USS MONTICELLO; to CO USS PICTOR. Manger, Arthur J, OFC OF BUWEPGEN REP WESTDIST EL SEGUNDO; to NAV SEC MAG ITALY ROME.

Oleksy, John T, NAVSTA GTMO; to OP NAV. Pillier, Marcel N, NAVAVSAFETYCEN NAS NORVA; to USS HANCOCK.

Smyers, Charles W, Jr, NAD HINGHAM; to CO NAD HINGHAM. Wortman, Mack E, NARESTRACOM NAS GLEN; to NAS WILLOW GROVE.

Yonkers, George P, FASRON (SP) 200; to CO SAME RON. Baldwin, Lorenzo W, Jr, ATKRON 44; to CO ATKRON 106.

Bannon, Marvin L, TAIWANBASECOM MAAG TAIWAN TAIPEI; to NAVORD MISSILETESTFAC WHITE SANDS MIS-SILERANGE.

Carson, James D, CO USS CONSERVER; to ANTISUBDEFPAC. Golbranson, Frank L (MC), NAVHOSP NAVBASE BREM; to NAVHOSP OAK.

Gullette, George L, OFC OF JAG NAV DEPT; to NAVACTY SPAIN MADRID. Hastreiter, Roland L, FLETACSUPPRON 21; to PRNC.

Hertig, William S, ATKRON 122; to CO ATKRON 25. Hoover, William L, USS RANDOLPH; to INSMAT STL.

Jenkins, Lewis W, USS MIDWAY; to FAIRALAMEDA. Neal, Raymond G, BUWEP; to PATRON 11.

Perry, Oliver H, OFC OF ASST DIR FOR NAVREACTORS DIVREACTORDEV AEC WASHDC DUINS; to CO USS THEODORE ROOSEVELT.

Saubers, Maurice D, FAIRSANDEGO; to ATKRON 126. Schloer, Eric G, AIRTRANSRON THREE; to NROTCU THE RICE INSTITUTE HOU.

Sebach, Henry V, NAS PNCLA; to USS ORISKANY. Selgmiller, Harold L, AIRDEVRON FIVE; to BUWEP.

Smith, Philip C, Jr, PATRON 28; to NROTCU MIAMI UNIV OXFORD. Swanson, Karl T, USS ROCHESTER; to OPNAV.

Varney, William G (SC), NAVFORJAPAN TFM; to NSD SEATTLE. Wallace, Edwin S, Jr, NABATRACOM NAS PNCLA; to USNAVPGSCOL MONTEREY DUINS.

Wilmarth, Eugene M, DESRON 21; to USS FRANK KNOX. Pryor, Samuel W, NAAS CHASE FLD BEEVILLE; to ICEDEFOR.

Outlaw, Billie F (DC), NAVPHIBASE CORONADO SDIEGO; to NAVENTAL SCOL NATNAVMEDCEN BETHESDA DUINS.

Rian, Gerald R, CARAEWRON 33; to CO TACRON 22. Santina, Henry (MC), OFC OF CHMED EXAMINERS OF MARYLAND BALTO DUINS; to NAVAVSAFETYCEN NAS NORVA.

Thompson, Robert A, BUWEP; to PHIB RON SIX. Willis, Warrington R, 4ND; to NAVSEC GRUACTY KAMI SEYA.

Black, Edwin R (DC), NAVPHIBASE LCREEK NORVA; to NAVENTAL SCOL NATNAVMEDCEN BETHESDA DUINS.

Byers, Donald F, USS ANTIETAM; to USS WASP. Davis, Robert L (MC), NAVHOSP GUAM; to NAVHOSP NAVBASE BREM.

French, Dana P, OFC OF JAG NAVDEPT; to 1ND. Kouns, Maynard W, Jr, TRARON 29 NAS CORPC; to AEWRON 15.

Marlay, Myron G, Jr, AIRTRANSRON SEVEN DET ALFA; to FLETACSUPP RON ONE.

Miller, James H, 6ND; to FLEACTY SASEBO. Pate, Elbert W, OIC FLEWEAFAC YOKOSUKA; to NAS ANACOSTIA WASHDC.

Sawick, Theodore, STAFF CINCLANTFLT; to USS RANDOLPH. Tuttle, Louis K, Jr, OPNAV; to USS OKLAHOMA CITY.

Weary, Neil S, OPNAV; to CARDIV 15.

LIEUTENANT COMMANDER

Adams, Frank W, OIC LONG BEACH AREALTEAM TRAPAC; to OIC USS HAVEN.

Boltwood, Chester M (SC), NSC OAK; to NSD SUBIC BAY. Clark, Edward H (SC), NOP MACON; to NAVPUROFC WASHDC.

Dreyer, Royce C, OPONCEN WESTSEA FRON; to USNAVPGSCOL MONTEREY DUINS.

Ellis, Barbara (NC), NAVHOSP CHELSEA; to NAVHOSP NATNAVMEDCEN BETHESDA.

Farmer, Royal J, NAVRECSTA NAVSTA SDIEGO; to EPDOPAC SDIEGO. Fenlon, Leslie K, USS BIGELOW; to BU PERS.

Ferguson, William E, AIRTRANSRON SEVEN; to FLETACSUPPRON 21. Gallup, Mearl (SC), BUSANDA; to NSC PEARL.

Goehring, Bernard E, USS INTREPID; to NROTCU UNIV OF SOUTH CAROLINA. Hansen, Theodore W, OIC NAINCEPTRA FAC PT PINOS; to AEWBARONPAC.

Johnson, Ted S, USS RANDOLPH; to FAIR DEFTRACEN DAM NECK VABEACH.

Jones, Francis N, USS MIDWAY; to OFC OF BUWEPREP NAVINDRESAIR PLANT DAL.

Jones, Kenneth P, 3d, NAVSTA TI SFRAN; to NAVADMINCOM NTC SDIEGO. Lawlor, Violet H (NC), NAVACTY ITALY NAPLES; to NAVHOSP NATNAVMED CEN BETHESDA.

Lindsey, Wesley E, Jr, CO USS ADROIT; to MINLANT. Manger, Martin M, Jr, ATKRON 15; to CO TACRON 13.

Murray, Thomas J, USS HALE; to OPNAV. Perry, William B, BUPERS; to USNAV EUR.

Rich, John F, NAS NEW YORK FLOYD BENNETT FLD; to AEWBARONPAC. Roberts, Earle E, OIC PACFLEMO PHOTOU; to NAVMISSILECEN PT MUGU.

Sherman, Hildreth G, NAVAIRPAC; to REP IN CHG GARLAND. Stein, Earl M, PATRON 17; to NROTCU IOWA STATE UNIV OF SCIENCE AND TECH.

Welch, Patricia L (NC), NAS ATLANTA; to NAVHOSP MFS. Beeler, James W, AIRTRANSRON 22; to JSTAFF CINCLANT.

Brockman, James O, Jr, NAS NORVA; to FASRON (SP) 200. Cartwright, Harold J, 12ND TEM; to NAS MFTFLD.

Chegin, George I (SC), USS THUBAN; to BUSANDA. Dias, Robert F, CARAIRGRU FOUR; to SIXTHFLT.

Dowling, Patrick S, CO USS AMBERJACK; to OPNAV. Farmer, Leo J, OPNAV; to STAFF CINC SOUTH.

Friedman, Robert, USS FRANK KNOX; to CO USS FALGOUT. Goodman, William F, NAAS KINGSVILLE; to HATRON 123.

Hudson, Richard I (CEC), NAVMINDEF LAB PANAMA CITY; to BUDOCKS. Jester, Malvern H L, NADEVCEEN JOHNSTONVILLE; to PATRON 26.

Mahaffey, Dick D, NAS LAKEHURST; to AIRTRANSRON THREE. Milham, Colvin E, SERVON SIX; to NAV PHIBASE LCREEK NORVA.

Morin, Edward C, STAFF CINCLANTFLT; to USS ALCOR. Murray, Harrison C, USS MORTON; to CO USS CHARLES BERRY.

Norin, Robert A, STAFF CINCACFLT; to ATKRON 115. Riley, Jack, NROTCU UNIV OF MICH; to USS GREENWICH BAY.

Sanders, Herman J, BUWEP; to USS THE SULLIVANS. Atkinson, Edward C, NARTU NAS ANACOSTIA WASHDC; to PATRON 56.

Beyer, Janet B (NC), UNIV OF COLO DUINS; to NAVHOSP PHILA. Cannon, Herbert B, CO USS RHODES; to OPNAV.

Hamilton, Virginia A (NC), NAVHOSP MFS; to NAS OLATHE. Hawkins, Kenner F (DC), NAVPHIBASE LCREEK NORVA; to NAVENTAL SCOL NATNAVMEDCEN BETHESDA DUINS.

Hickey, Loren V (DC), NAVENTAL CLINIC YOKOSUKA; to NAVENTAL SCOL NATNAVMEDCEN BETHESDA DUINS.

Humes, James J (MC), NAVHOSP SDIEGO; to ARMED FORCES INSTITUTE OF PATHOLOGY WALTER REED ARMED CEN WASHDC.

McDowell, Charles E, OFC OF JAG NAV DEPT; to SERVAC. Perdue, Uley F, USS RANGER; to HEL ANTISUBRON SIX.

Peters, Harvey, WESTRANAF MATS TRAVIS AFB; to MATS SCOTT AFB. Strickland, Odle B (SC), NAVFORJAPAN; to 9ND.

Marine Corps Retires 30 Officers In May

Brigadier Generals Edward A. Montgomery, J-3, Staff, Commander-in-Chief, Pacific, and Ronald D. Salmon, Commander, Marine Corps Air Bases, Western Area, head the list of 30 Leatherneck officers who end their careers in May.

The list includes one colonel, five lieutenant colonels, four majors, five captains, two 1st lieutenants, two 2d lieutenants, seven chief warrants and two warrants.

Names of Reserve officers are preceded by an asterisk:

Colonel	
*Egan, John S	
Lieutenant Colonel	
Morgan, William D	Watson, Edgar B
King, John E	Beckley, Pauline B
Ross, Marvin L	
Major	
Brown, John E	Gorsuch, Wilbur F
Smyle, Norman C	Montrief, Alfred E
Captain	
Lee, Joseph L	Copeland, Frank E
*Richardson, M	Hilderbrandt, W J
Garner, George M	
1st Lieutenant	
McAuliffe, Jerome J	Elardo, Frank P, jr
2d Lieutenant	
Tower, Peter P	*Huntley, Billie H
Chief Warrant	
Seyler, Eugene E	Dillard, Owen M
Parker, Raymond F	Maddox, Brice
Finley, Vernon T	Rose, George G
Given, Chalmers H	
Warrant	
Gillette, Wallace M	Horn, Herbert B

Navy Slates Seminars For Catholic Chaplains

The annual program of Catholic Seminars for active duty Navy Chaplains will be held in San Diego and Norfolk.

The East Coast Seminar will be conducted at the Norfolk Naval Base 6-10 and 13-17 June. The West Coast Seminar will be held at the Naval Training Center, San Diego from 22-26 August and 29 August-2 September.

All Seminars will be led by The Reverend John Ford, S. J., of Catholic University of America, Washington, D. C. His theme will be "Pastoral Psychology."

Father Ford is a Professor of Moral Theology.

CNO Asks Senate To Restore Navy, Marine Corps Proficiency Flying Funds

ADMIRAL Arleigh A. Burke has told the Senate Military Appropriations Subcommittee that House reductions will wipe out 60% of Navy and Marine Corps proficiency flying funds and will cut Navy mission support flying to an "injurious" level.

The chief of Naval Operations urged restoration of \$8 million for proficiency and mission support flying.

He also asked the Senate committee to exempt the Navy and Marine Corps from the House-imposed limitation on the number of aeronautically rated officers who will be permitted to remain on flying status during the coming fiscal year.

The House criticism, he said, "is not considered applicable to the Navy or Marine Corps" inasmuch as the two Services already have removed 609 officers from flying status by making use of the appropriations act provision which permits continuation of flight pay for officers with over 20 years' rated experience.

The House Appropriations Committee was critical of both the Army and Air Force for not making use of this authority.

Towne, Thomas W, OIC CRUITSTA RICHMOND; to WESTSEAFRON.
Wagner, Douglas J, NAS OLATHE; to CNARESTRA REP AT BUWEPFLTR EADREP CENDIST NAS PNCLA.
Ackley, Charles W (Chc), MAG 11; to FIRST MAW.

Bezore, Eugene, LTPHOTRON 62; to NAB ATRACOM NAS PNCLA.
Blizard, Floyd H, HATRON NINE; to USNA ANNA.

Branum, Rudolph, USS INDEPENDENCE; to UTRON SIX.
Bryan, Edgar J, HUTRON ONE; to NABA TRACOM NAS PNCLA.

Chance, Carl (SC), PITTSBURGH NAVREACTORS OPOFC AEC BETTIS PLANT WESTINGHOUSE ELECTCORP PGH; to USS ENTERPRISE.

Chapman, Ninetta M (MC), NAS MFTFLD; to NAVHOSP SDIEGO.
Coghlan, Francis E, NARESTRACOM NAS GLEN; to ARMED FORCES PUBLIC INF OFC (NAVY) LOSA.

Cronin, Francis J, HUTRON TWO; to NAMOTRAGRUS NAS MFS.
Finnegan, Robert J, COMSTDIV 72; to LANSHIPRON NINE.

Foster, James R, FAIRJAX; to AIRDEV- RON FOUR.
Harlow, Robert J, FLETACTSUPPRON ONE; to USS INDEPENDENCE.

Katcher, Martin J, CARAEWRON 11; to NAS NORIS SDIEGO.

Kinsler, Ralph H, jr, FAIRECONRON TWO; to OPNAV.
Koos, Edwin M, AEWBARNOPAC DET ALFA; to NAVCOCSCOL NAS GLYNCO BRUNSWICK.

Lammers, Lorin R, HELANTISUBRON 7; to BUWEP.

Lanning, Robert C (MC), NAVHOSP ANNA; to NAVHOSP PHILA.

Messel, James G, AIRTRANSRON 22; to UNIV OF KANSAS LAWRENCE DUINS.

McGuane, John, FAIRHAWAII; to NAVMIS- SILECEN PT MUGU.

McMullen, Frank D, jr, NAVGMSCOL FAIR DEFTRACON DAM NECK VABEACH; to USS ABRAHAM LINCOLN.

McNiff, Thomas, jr, USS SAINT PAUL; to BUSHIPS.

Mize, Jerry M, OPNAV; to STAFF CINC PACFLT.

Moody, Frank G, ATKRON 195; to NATECH TRACOM NAS MFS.

Murphy, Robert L, OPNAV; to NAVAIRPAC. O'Connell, William R, UNIV OF KANSAS DUINS; to BUPERS.

Owen, Howard J, USS BREMMERTON; to NAND SEAL BEACH FALLBROOK ANNEX FALLBROOK.

Roberts, Wayne L, NAS CUBI PT; to NAS GROSSE ILE.

Rooke, William A, NAS CORPC; to NAF KEFLAVIK.

Ryder, Donald F, USNAVPGSCOL MONTE- REY DUINS; to USS ELOKOMIN.

Smith, Carl E, NAVFLT SAFETYLOFF DI- RECTORATE OF FLT AND MISSILE SAFETY RSCH NORTON AFB, FAIR- NORFOLK.

Ballou, Everett L, AIRTRANSUBRON 23; to NAS LOS ALAMITOS LBEACH.

Bohner, Jack L, FASRON (SP) 200; to NAAS NEW IBERIA.

Bowen, Llewellyn D, BUPERS; to USS PRINCETON.

Causey, Charles W, jr, ATKRON 38; to NAV WARCOL NPT DUINS.

Cox, Walter R (MSC), FLDMEDSERVSCOL MARCORBASE CAMPEN; to CO FLDMED SERVSCOL MARCORBASE CAMPEN.

DeMoulin, Orville F, NSA FORT GEORGE G MEADE; to NAVSECGRUACTY FORT GEORGE G MEADE.

Durkin, Michael F, OFC OF LEGAFFAIRS NAVDEPT; to DESRON 32.

Navy Will Retain Youngest JAG Chief

THE Navy will retain the distinction of having the youngest Judge Advocate General in the Armed Forces when Capt. William C. Mott, 48, succeeds RADM. Chester C. Ward as Naxy JAG



Capt. Mott

1 August. Admiral Ward, who is retiring, will be 53 on 7 October. Maj. Gen. George W. Hickman, jr., Army JAG, is 54. The Air Force JAG, Maj. Gen. Albert M. Kuhfeld, is 55. Captain Mott, Deputy and Assistant Navy JAG, and Special Assistant to the Secretary of De-

fense, has been nominated by President Eisenhower for two-star rank. His term of office is for four years.

A 1933 graduate of the U. S. Naval Academy, Captain Mott resigned his commission because of defective eyesight. Following graduation with a Bachelor of Laws Degree from The George Washington University, he was commissioned a Lt. (jg) in the Naval Reserve on 16 February 1940.

The Navy JAG-designee was promoted to captain 1 July 1952. He was transferred from the Reserve to the Regular Navy on 22 November 1946.

Among important assignments held by Captain Mott are: Assistant Naval Aide to the President; Officer-in-Charge of the Naval Section of the White House Intelligence and Communications Center; Head, International Law Branch, Office of Navy JAG and Foreign Claims Commission Officer; and, Military Assistant to the JCS Chairman.

He is married to the former Edith Grace of Worcester, Mass. They have six children, Adam, Janie, Diane, Lucy, Sarah, and William, jr.

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HOTELS—Burlington Hotel, Wash., D. C.; Francis Scott Key Hotel, Wash., D. C.; Piccadilly Hotel, New York City; Willard Hotel, Wash., D. C.

SCHOOLS—Braden School, Columbian Prep School, Fishburne Military School, Fork Union Military Academy, Manlius School, Marion Institute, Hannah More Academy, Mount Lowe Military Academy, St. Agnes School, Inc., St. Margaret's School; Severn School, Staunton Military Academy, Sullivan School, and Valley Forge Military Academy.

Sup. George C. USNAVPGSCOL MONTE- REY DUINS; to USS NORTHAMP- TON.
Williams, Wayne E (MSC), NAVHOSP CHELSEA; to NAVDISP NAVDEPT.
Adkins, Joe D, CARDIV 16; to UNIV OF OKLA DUINS.
Ashley, Courtland L, OIC LSM TRF TEAM 13ND; to 13ND.
Beall, Frank P, jr (DC), NAS ANACOSTIA WASHDC; to NAVDENTALSCOL NAT NAVMEDCEN BETHESDA DUINS.
Clifford, Frank F, jr, CO USS COBBLER; to OPNAV.
Curtis, Donald P, CO USS WALDO COUN- TY; to SERVLANT.
Franz, Donald A, USS BORIE; to USNA ANNA.
Hazelwood, James M, USNAVPGSCOL MONTE- REY DUINS; to USS RANDOLPH.
Hembre, Lloyd E (DC), USS BOXER; to NAVDENTALSCOL NATNAVMEDECEN BETHESDA DUINS.
Kasner, Edmund B, PATRON 11; to FAIR WGLANT.
Keener, Charles J, jr, NAS ANACOSTIA WASHDC; to NRL WASHDC.
Lawson, Kent W, MARENAVSHIPYD; to USS SHELTON.
McCaskill, James M, USS GURKE; to NROTCU UNIV OF SOUTHERN CALIF.
McDaniel, John (SC), NSD MECH; to NAV SEC MAAG FRANCE PARIS.
Moorman, Eugene R, PATRON 24; to FAIR WGLANT.
Newby, Lewis E, NAVPAC SUITLAND; to SEVENTHFLT.
Olson, Delbert A, USNAVPGSCOL MONTE- REY DUINS; to PATRON TWO.
Ovesky, Leonard M, NARESTRACOM NAS GLEN; to NAS WILLOW GROVE.
Parks, Bill B, FLESONARSCOL KWEST; to BUWEP.
Pearsall, Arthur E, AIRTRANSRON SEV- EN; to FLEACTSUPPRON 21.
Peddy, James T, jr, NATECHTRACOM NAS MFS TEM; to ATKRON 43.
Pendleton, Edward T, NAS BARPT; to FAIRSANDEGO.
Rice, Myron K, NATECHTRACON NAS JAX; to CRUITACOM NTC SDIEGO.
Robertson, Frederick S, jr, NAVSTA NOR VA; to NAVSECSTA WASHDC.
Rowe, Donald E, USS COMSTOCK; to USNA ANNA.
Ruff, Ernest D, jr, AEWRON ONE; to NROTCU MARQUETTE UNIV MILWAU- KEE.
Sanders, Wilton T, jr, FITRON 191; to USNAVPGSCOL MONTEY DUINS.
Schleuning, Henry H, jr, NAVWARCOL NPT DUINS; to OPNAV.
Schultz, Jackson L (SC), USS LUZON; to BUSANDA.
Skook, Joseph L, jr, CO NAVNUCLEAR POWERTRAU IDAHO FALLS; to CO USS SKATE.
Stoble, Edwin F, NADEVEN JOHNS- VILLE; to FAIRHAWAII.
Suchicki, Casimir J, AIRSHIPRON THREE; to NABATRACOM NAS PNCLA.
Sutton, Thomas L, NLONGRU LANTRES FLT; to CO USS TORO.
Tangeman, Stewart E, PATRON 28; to NROTCU THE RICE INSTITUTE HOUS- TON.
Watson, William H, jr, FLETACSUPPRON 24; to AIRTRANSRON THREE.
Weatherby, Vernon W, USS CALVERT; to OIC NAVFAC CHICHI JIMA.
Weber, Charles J, NARTU NAS ANACOS- TIA WASHDC; to BUPERS.
White, John E, jr, AEWRON 13; to NAAS MERIDIAN.
Whitgiver, Robert B, 2d, ATKRON 22; to USNAVPGSCOL MONTEY DUINS.
Wiederholt, Howard M, NAS LOS ALA- MITOS LBEACH; to NAS SEATTLE.
Wiggins, Bryan D, FAIRWG 14; to USNAV PGSCOL MONTEY DUINS.
Young, Austin V, PATRON 23; to NROTCU NORTHWESTERN UNIV EVANSTON.
Holm, Kenneth C, CO USS JOYCE; to US NAVPGSCOL MONTEY DUINS.
Hooten, Ralph L, DESRON 10; to CO NAV RESTRACON FARGO.
Hunter, Clifford E, CO USS PETERSON; to CO USS FISKE.
Kalousek, Leroy S, NAS OLATHE; to NAV STA SANGLEY PT.
Kochis, Peter G, USNAVPGSCOL MONTE- REY; to USS WILTSIE.
McMahon, Joseph F, NADEVEN JOHNS- VILLE; to NAF KEFLAVIK.
Mingo, John J, USNA ANNA; to CO USS ADROIT.
Moore, Robert H, CHASNGRU LANTRES FLT; to EPDPO CONUS NTC BAIN.
Redgrave, DeWitt C, III, NAVWARCOL NPT; to USS MAHAN.
Rusling, John A, III, 507 TACGRU SHAW AFB; to USNA ANNA.
Sharpe, William C, NAVSCOL PREFLT NAS PNCLA; to USS VALLEY FORGE.
Smith, Bernice W (NC), NAVHOSP NAV BASE BREM; to NAS MFT FLD.
Steve, Helen P (NC), NAVHOSP PHILA; to NAVHOSP CORPC.
Struyk, Richard, CO USS DOUGLAS A MUNRO; to USNAVPGSCOL MONTEY DUINS.
Sullivan, Elmer D, BUWEP; to USNAV PGSCOL MONTEY DUINS.
Tesh, Charles P, CO USS FORSTER; to DASA WASHDC.

SERVICE FAMILY NOTES

Family Editor
Louise B. McGiffert

Associate Family Editor
Bertie Johnson

VA Advice On New Pension Law

CUSTODIANS and legal guardians of minor children receiving death pension from the Veterans Administration would be wise to elect the new pension law effective 1 July, the VA said this week.

The new law raises the income limit for children from \$1400 to \$1800 per year.

Earned income of the child is not included in this limit under the new law as it is under the old law.

Pension rates for children are higher under the new law. For example, a child receiving \$27.30 per month under the old law can receive \$35 a month under the new law after 1 July. Two children, each receiving \$20.47 per month under the old law, may receive \$25 a month under the new law, provided the custodian of each child elects the new law.

There is no instance in which election of the new law will prove to be disadvantageous to the child.

The new law has a **net worth test**, but the VA will not accept an election of the new law if the net worth of the child would bar payments under the new law.

SERVICE CLUBS ELECT OFFICERS:

Mrs. Neuberg Heads AF Wives Club; \$13,500 Voted From Welfare Fund



NEW officers of the Air Force Officers' Wives' Club of Washington, D. C., are left to right, Second Vice President, Mrs. George Hewitt; Recording Secretary, Mrs. Paul H. Hansen; Corresponding Secretary, Mrs. Herman J. Hicks; Treasurer, Mrs. Andrew J. Alexander; and President, Mrs. Gustav A. Neuberg. Not shown is the First Vice President, Mrs. Jack N. Donohew.

Mrs. Eleanor Roosevelt spoke to 600 members and guests of the Air Force OWC at the last luncheon meeting of the season on 12 May.

Preceding Mrs. Roosevelt's address, the Club voted \$13,500 from its Welfare Fund to Air Force Aid Society, the Henry H. Arnold Education Fund and the Soldiers, Sailors, Marines and Airmen's Club.

Following the program, Mrs. Oliver S. Picher, Chairman of the Nominating Committee, introduced the newly-elected officers.

At the head table, besides Mrs. Roosevelt were: the wife of the Air Force CofS and the Club's Honorary President, Mrs. Thomas D. White; the wife of the Air Force Undersecretary, Mrs. Joseph V. Charyk; the wife of the Vice CS and the Club's Honorary Vice President, Mrs. Curtis E. LeMay; the wife of the Assistant Secretary for Financial Management, Mrs. Lyle Garlock; the wife of the Assistant Secretary, Air Force for Materiel, Mrs. Philip B. Taylor; Club President, Mrs. Arthur Exon; 1st Vice President, Mrs. Bert W. Humphries; 2d Vice President, Mrs. Gustav A. Neuberg; Recording Secretary, Mrs. James E. Davoli; Treasurer, Mrs. Stanley R. Vosper; Corresponding Secretary, Mrs. John M. Hoffman; and Second Assistant Treasurer for Welfare Fund, Mrs. George T. Byrne.

Mrs. Morgan Heads Robins Wives Club

Mrs. Fred A. Morgan, wife of Lt. Col. Morgan, Commander of the 7th Logistic Support Squadron, has been named President of the Robins AFB, Ga., Officers Wives Club.

Other newly-elected officers are Mesdames R. B. Sullivan, First Vice President; H. L. Tammenga, Second Vice President; A. T. Erwin, Recording Secretary; and Michael Mandzak, Assistant Recording Secretary.

Also, Mesdames J. P. Smith, Corresponding Secretary; C. E. Denight, Assistant Corresponding Secretary; G. C. Merz, Treasurer; J. W. Robey, Assistant Treasurer; and Henry C. Smith, Parliamentarian.

Mrs. C. R. Carlsen is the outgoing President.

Mrs. Sneed Re-Elected

Mrs. William Sneed has been re-elected president of the Non-Commissioned Officers' Wives Club at Ft. Meade, Md.

Other officers are Mesdames Jack Romans, Vice President; Robert Miller, Treasurer; Woodward Hunt, Recording Secretary and Mrs. Eugene Greenwalt, Corresponding Secretary.

KELLY AFB PREXY

Mrs. Louis E. Cunliffe has been elected President of the Kelly AFB, Tex. Officers Wives Club.

Other newly elected officers to be installed with Mrs. Cunliffe at the club's June luncheon meeting are Mesdames John S. Olsson, First Vice President; Harold L. Kreider, Second Vice President; Glover P. Grubaugh, Secretary; William M. Hamilton, Corresponding Secretary and Harry A. Olson, Treasurer.

Mrs. Teeters Heads Wives At Benning

MRS. Bernard G. Teeters, wife of Colonel Teeters is the new President of the Woman's Club of Ft. Benning, Ga.

Other new officers installed are Mesdames Cyril D. Sterner, wife of Colonel Sterner, First Vice President; James H. Holcombe, wife of Lieutenant Colonel Holcombe, Second Vice President; Braxton E. Small, wife of Colonel Small, Treasurer; William D. Guinn, wife of Captain Guinn, Recording Secretary; James Anders, wife of Lieutenant Colonel Anders, Corresponding Secretary, and Glenn M. McFadden, wife of Lieutenant Colonel McFadden, Custodian.

Mrs. L. A. Walsh, jr., wife of Brigadier General Walsh, Deputy CG of The Infantry Center, was named Honorary President.

Ordnance Wives Greet Officers

A coffee to welcome newcomers to the Washington area and say farewell to those who will be moving this summer was given 26 May by the Ordnance Ladies Association at Patton Hall, Ft. Myer, Va.

Mrs. E. I. Donley, Mrs. Paul A. Nilsson were in charge of arrangements, assisted by Mesdames John V. Anderson, Robert G. Baker, Collin Bushway, Merlin Deguire, John H. Ford, Werner Holtz, Fred Kornet, jr., James M. Morey, Robert S. Niccolis and Rex H. White, jr.

Mrs. W. G. Kussmaul, jr. out-going president of the Association introduced the following newly elected officers: Honorary President, Mrs. John H. Hinrichs; President, Mrs. H. A. Miley; 1st Vice President, Mrs. R. G. Blaylock; 2d Vice President, Mrs. J. T. Prendergast; Secretary, Mrs. J. A. Rice; Assistant Secretary, Mrs. R. N. Born; Treasurer, Mrs. R. Brewer; Assistant Treasurer, Mrs. V. H. Ellis; Publicity, Mrs. John Raaen; and Hospitality, Mrs. H. P. Hoplin.

New Officers For Eglin OWC

New officers elected by the Eglin AFB, Fla., Officers Wives Club for 1960-61 are Mesdames: Merritt Garner, President; Robert Burnham, 1st Vice President; James Briggs, 2d Vice President; Jack Lee, 3d Vice President; Sam Galloway, Secretary; Leo Foster, Assistant Secretary; William Hablinski, Treasurer; and Robert Newby, Assistant Treasurer.

Mrs. McClain Wilds Gavel

The Officers' Wives Club of Ft. Belvoir, Va., have chosen Mrs. Dorothy McClain as President.

Other newly elected officers are Mesdames Helen Hinson, First Vice President; Louise Stockdale, Second Vice President; Jackie Ledbetter, Treasurer; Nancy Carlisle, Recording Secretary; and Jinny Loper, Corresponding Secretary.

Mrs. Griswold Is Elected

Mrs. R. M. Griswold has been elected president of the Brookley AFB, Ala., Officers' Wives' Club.

Other officers are Mesdames D. A. Rich, First Vice President; J. Lebell, Second Vice President; G. C. Pinyard, Recording Secretary; C. W. Moore, Corresponding Secretary; W. M. Weddle, Treasurer; and J. B. McGinley, Assistant Treasurer.

Mrs. Sawyer Heads Guild

The Ft. Sam Houston, Tex., Protestant Women's Guild has elected Mrs. Allan A. Sawyer as president. Mrs. T. D. Ashworth is out-going president.

Other newly elected officers are: Mesdames Frederick Zehrer, Vice President; Clarence Granrath, Recording Secretary; La Vere H. Strom, Corresponding Secretary; C. R. Underwood, Treasurer; and Frederick Pearson, Historian.

Mrs. Spearman Is Installed

New officers of Army Medical Service School Women's Club have been installed at Ft. Sam Houston, Tex.

Mrs. Walter D. Spearman is President; Mrs. Marlo E. Smith, First Vice President; Mrs. Maurice G. Patton, Second Vice President; Mrs. F. A. Neuman, Recording Secretary; Mrs. C. E. Sheets, Corresponding Secretary, and Mrs. T. H. Nicholas, Treasurer.

Service Folk

Miss Edythe Anne Sweeney, daughter of Maj. Gen. (USAF) and Mrs. Walter C. Sweeney, of Westover AFB, Mass., has

been chosen at Stephens College, Columbia, Mo., as the student who best represents the ideal of forcefulness at the College. Miss Sweeney is a candidate for an Associate in Arts degree on 30 May.



Photo by John
Miss Sweeney

Woman Marine Lt. Col. Pauline Bowers Beckley has retired for disability at Camp Pendleton, Calif., after 17 years' Regular and Reserve service. She resides at 4110 Garfield, Carlsbad, Calif.

Mrs. Frank Scott won first place in the novice competition of the Georgia Division of the Amateur Fencing League of America Tournament held recently at Ft. Benning, Ga. She is the wife of Lieutenant Scott, a Ranger student at The Infantry School.

Frederick A. Zehrer, III, 18 year old son of Col. and Mrs. Zehrer, Ft. Sam Houston, Texas, is completing his sophomore year at Franklin & Marshall College, Lancaster, Pa. Within the past two weeks he was awarded the National Sojourner trophy for "outstanding leadership qualities" in the Air Force ROTC program; served in ROTC as Cadet Sgt. Major this past semester; was re-elected to College Student Council; was re-elected as a Class of '62 officer, this year as Secretary; and re-elected Treasurer of the local chapter of Chi Phi fraternity. He also received a varsity letter in football having been fullback last season. He has been selected for Advanced Course ROTC enrollment.

Frances Cottle, daughter of Lt. Col. and Mrs. Frank E. Cottle, Robins AFB, Ga., has received a DAR Medal for excellence in the study of American History. She is a member of the graduating class of the Warner Robins High School and has been named Salutatorian.

Miss Julia Ann Walker, daughter of Col. (USAR-Ret) and Mrs. Erwin R. Walker, jr., 130 So. Blvd. of Presidents,



Miss Walker

St. Armands Key, Sarasota, Fla., who will receive a B.S. degree from Stetson University 5 June, will sail on the Queen Mary from New York 15 June for a two-months European tour.

Upon her return, she will enter the University of Tennessee as a candidate for a

Master's degree in Business Administration.

Edward Hart Koster, younger son of Col. and Mrs. Alfred M. Koster, USA, Governors Island, N. Y., has been awarded an Honor School appointment to the U. S. Naval Academy and will report there 5 July. Also based on his college board examination results he received the principal appointment from South Dakota for a Navy Holloway-Plan scholarship to a college of his choice, but preferred the appointment to Annapolis. He will be graduated 3 June from Valley Forge Military Academy where he has had four years of high school on a Young-husband Scholarship. Besides earning numerous awards for scholastic attainment and military proficiency he was

—Continued on next page

Service Weddings and Engagements

LT. Gen. (USA) and Mrs. Harry P. L. Stork of Arlington, Va., announce the marriage of their daughter, Carolyn Mason, to Mr. Richard Edward Mueser, Jr., son of Mr. and Mrs. Mueser of Belle-rose, N. Y., 21 May at the Trinity Lutheran Church, Boulder, Colo.

Given in marriage by her father, the bride was attended by Miss Suzanne Plain, as maid of honor, and her niece, little Miss Pamela Davenport, as flower girl. Mr. Phillip Porter served as best man and groomsmen were Messrs. Peter Mitchell and Michael Farmer.

The bride, whose father commands I Corps (Group) in Korea, attended Heidelberg University in Germany, after graduating from the American High School in Heidelberg. She also attended the Holton-Arms Junior College and the University of Colorado, where she was a member of the Alpha Gamma Delta sorority. Her husband, who received a B. A. degree in Business Administration, and an M. A. in History from the State University of New York, is now a candidate for a doctorate in History at the University of Colorado.

He and his bride will make their home at Boulder.

MCCUTCHEN-REEDER — Col. (USA-Ret) and Mrs. Russell Potter Reeder, Jr., of West Point, N. Y., announce the engagement of their daughter, Julia Potter, to Mr. Hugh Laurens McCutchen, son of Col. (USA-Ret) and Mrs. Alan Johnstone McCutchen of Caesar's Head, S. C. Miss Reeder, a graduate of St. Mary's School, Peekskill, N. Y., will graduate in June from Douglass College of Rutgers University. She is the granddaughter of Mrs. Clifford E. Whitehouse of Phoenix, Va., and the late Colonel Reeder, sr., USA, and of the late Dr. and Mrs. Percival W. Darrah of Leavenworth, Kans. Her fiancé, a graduate of Clemson College, who is working for a Master's degree in Chemical Engineering at Virginia Polytechnic Institute, is the grandson of the late Professor George McCutchen and Mrs. McCutchen of Columbia, S. C., and of the late Mr. and Mrs. Hans Christian Jensen of Copenhagen and Oslo. He is the great-grandson of the late Senator Alan Johnstone of S. C., and of the late Bishop Sostaad of Oslo.

An August wedding is planned.

MARTINKA-LEMIRE — Lt. Col. and Mrs. Joseph A. W. Lemire of Ft. McClellan, Ala., announce the engagement of their daughter, Yvette Marie, to Lt. Gerald A. Martinka, son of Mr. Harry H. Martinka of New Ulm, Minn.

Miss Lemire is a student at the Nursing School of St. Vincent's Hospital, Birmingham, Ala. Her fiancé, a graduate of the South Dakota State College where he received a B.S. degree in Pharmacy, is Chief of the Pharmacy Service at the U. S. Army Hospital, Ft. McClellan.

The wedding is planned for 11 June at the Silver Chapel, Ft. McClellan, and after the bridegroom's separation from the Service in June, the couple will make their home in the Birmingham area, where Lieutenant Martinka has accepted a position.

ULRICH-MOORHEAD — Mr. and Mrs. Robert J. Moorhead of Bellevue, Nebr., announce the engagement of their daughter, Roberta Kay, to 1st Lt. Robert J. Ulrich, son of Mr. and Mrs. Ross A. Harris of Oceanlake, Ore. Lieutenant Ulrich is Programming and Assignment Officer at 3d Weather Wing Headquarters, Offut AFB, Nebr.

The wedding is planned for 17 June.

REAM-MILLER — Mr. and Mrs. E. R. Miller of Worthington, Ohio, announce the recent marriage of their daughter, Barbara Ann, to Capt. F. Douglas Ream, USA, son of Dr. and Mrs. G. Douglas Ream of Berkeley, Calif.

Mrs. Ream, who is now employed by the Air Force Dependent School System in Germany, was graduated from Miami University in Ohio and received an M.A. degree in Education from Ohio State University. She is a member of the Phi Lambda Theta sorority. Currently serving as Ammunition Officer, Ordnance Division, Hq. Theater Army Support Command at Verdun, France, her husband is a graduate of the University of California at Berkeley.

WATTS-SOLLINGER — Mr. and Mrs. Ludwig Sollinger of Hollywood, Calif., announce the engagement of their daughter, Milla Anna, to Capt. Harry Lee Watts, III, USA, son of Col. (USA-Ret) and Mrs. Watts, jr., of 402 49th St., Virginia Beach, Va.



Miss Sollinger

Miss Sollinger, who is a graduate of the University of Southern California, where she was a member of the Pi Sigma Alpha professional fraternity, is the granddaughter of the late Mr. and Mrs. George Sollinger of Munich, Germany, and of the late Mr. and Mrs. John Patriarca of Hollywood. Her fiancé, now stationed in Germany, is a graduate of the Alabama Polytechnic Institute at Auburn, where he was a member of the Phi Kappa Tau fraternity. He is the grandson of the late Mr. and Mrs. Harry Lee Watts of Portsmouth, Va., and of the late Mr. and Mrs. George Franklin Healey of New Haven, Conn.

The wedding is planned for 6 August in Los Angeles.

JOHNSON-FAIRCHILD — Mr. and Mrs. Ralph Keith Fairchild of Cleveland, Ohio, announce the engagement of their daughter, Eleanore Ann, to Lt. Bruce Campbell Johnson, Arty., USA, son of Brig. Gen. (USA-Ret) and Mrs. Edwin L. Johnson of 16 Crestlake Dr., San Francisco 27, Calif.

Lieutenant Johnson, who is a USMA graduate of last year, is currently as-



Mrs. Ream

28 May 1960 (Vol. 97, P. 1113)

Army Navy Air Force Journal 25

Service Sons Denied Travel

From first page—

Government to make periodic changes of station after their sons enter the Academies.

The Defense Department asked the Comptroller whether the Government could pay transportation costs for a cadet for the going trip from their Service Academy to his father's new station, as is authorized for similar travel performed by dependent ROTC cadet-sons and students who attend civilian educational institutions.

In a snappy answer, Mr. Campbell said that if a cadet "should decide to travel to his home to visit with his parents, during a period of leave, such travel would be at personal expense and no rights would accrue to his father in connection with such travel if the latter was a member of the Uniformed Services, who had received a permanent change of station after his son entered the Academy."

Here is the text of the Comptroller's response in decision B-142677, addressed to the Secretary of the Army:

Dear Mr. Secretary:

"Reference is made to a letter dated April 4, 1960, from the Assistant Secretary of the Army (Manpower, Personnel and Reserve Forces) forwarded here by letter dated April 7, 1960, from the Per Diem, Travel and Transportation Allowance Committee (assigned PDTATAC Control No. 60-12 by the Committee), requesting decision as to whether United States Military Academy cadets may be viewed as dependents for travel purposes incident to a permanent change of station of a member of the uniformed services.

It is reported that many of the cadets are sons of members of the uniformed services and that the latter are required by the Government to make periodic permanent changes of station, after the entry of their sons into the Academy. In such a case, inquiry is made as to whether the Government may bear the cadet-son's transportation costs for the going trip from the Military Academy to the new station, as it is stated, the Government does for similar travel when performed by other dependent cadet-sons and students who are attending civilian educational institutions.

Paragraph 7000, Joint Travel Regulations, bars transportation of a dependent at Government expense when the dependent is a member of the uniformed services on active duty on the effective date of orders, and paragraph 7000-11 provides that transportation of dependents at Government expense upon a permanent change of station is not authorized for dependents receiving any other type of travel allowance from the Government in their own right. While the definition of a member in paragraph 1150-1 of such regulations does not include a cadet, 10 U.S.C. 3075(b)(2), provides that the Regular Army includes cadets, Paragraphs 5000-2 and 5000-3 of the regulations, authorize payment of travel allowances to members of the service academies upon graduation and commission and upon separation other than by commission, and section 508 of the Career Compensation Act of 1949, as amended, 37 U.S.C. 308, provides that cadets are entitled to transportation, including reimbursement of traveling expenses, while traveling under orders. Since, under the last cited provisions of law and regulations, a United States Military Academy cadet is entitled to transportation allowances in his own right under the circumstances set forth in the regulations, it would appear that they may not be considered as dependents for travel allowance purposes. In this connection, see 6 Comp. Gen. 288, wherein it was held, in part, quoting from the syllabus, as follows:

"An officer of the Navy is not entitled to increased rental and subsistence allowances by reason of an unmarried minor son who is attending the United States Naval Academy where all necessary quarters and subsistence are furnished by the United States."

A cadet is required to sign an agreement that he will complete the full four-year course of instruction at the Academy. His post of duty will remain the same during that time. If he should decide to travel to his home to visit with his parents, during a period of leave, such travel would be at personal expense and no rights would accrue to his father in connection with such travel if the latter was a member of the uniformed services who had received a permanent change of station after his son entered the Academy.

Your question is answered accordingly.

Sincerely yours,

Joseph Campbell,
Comptroller General
of the United States

signed to the 1st Howitzer Bn., of the 2d Artillery, 8th Division.

The wedding is planned for 11 June, to take place at the 8th Division Chapel, Baumholder, Germany.

Service Folk

From preceding page—

named the school's outstanding debator in his junior year, and for the past year has been managing editor of the paper "The Legionnaire." He has been a member of the Cadet Chapel Choir, the Valley Forge Cadet Glee Club and a number of clubs including Quill and Scroll, international honor society for high school journalists.

Colonel Koster is G-4 for the First U. S. Army and reports in July to the First Logistical Command at Fort Bragg, N. C., for a new assignment. Mrs. Koster, a life long journalist, is well known for

her feature articles and numerous rhymes on Service life published in many periodicals with the by-line Leone Hart Koster, as well as a lecturer on life in the Armed Forces. Their older son, Lieutenant (Jg) Alfred M. Koster IV, USN was graduated from the U. S. Naval Academy in '57 and from the U. S. Navy Submarine School in '59.

Mrs. Munn Leads D. C. Marine Wives

The Washington Marine Officers Wives Club has elected Mrs. John C. Munn as president for the 1960-61 season.

Others on the Executive Board are Mesdames James Taul, Vice President; Arthur LaRoche, Recording Secretary; Donald L. Mallory, Corresponding Secretary; and William Wentworth, Treasurer. Mrs. John A. Anderson is the outgoing President.

Mrs. Lemuel C. Shepherd, jr., wife of the former Commandant of the Marine Corps, was the honored guest at the 17 May election meeting.

Miss Linda Shuler, daughter of Col. and Mrs. Cecil W. Shuler, was presented to the membership as the winner of the \$500 scholarship annually awarded by the Wives Club to the daughter of a Washington area Marine.

READ THIS!

If you are a commissioned or warrant officer, regular or reservist, leaving the service soon and looking for a permanent situation with a great record of earnings—contact us! We will finance you while you train. Have openings in most areas of the U. S. Tell us where you prefer to live. Write Box #233. The Journal.

William Beaumont Hospital Wives Elect Mrs. Murray As President

MRS. Edward R. Murray has been installed as President of William Beaumont General Hospital Officers Wives Club at El Paso, Tex. Mrs. A. K. Schoenbuecher is outgoing President.

Other incoming officers are Mesdames Paul Myers, Vice President; J. Castagno, Secretary, and Edwin Walker, Treasurer. Committee chairmen include Mesdames Glenn Gamble, Ways and Means; George Lull, Publicity; Alvin Hein, Hostess; John Bradley, Courtesy; John Ray, Hospitality, and R. D. Clem, Communications. Mrs. George Martin is Program Co-ordinator.



Pentagon Tells Progress And Future Projects of Nuclear Aircraft Program

From page 13—

Cycle programs were accelerated and aligned with specific airframe contractors. During this same period, Navy interest in ANP was incorporated into the joint AEC-AF office. As WS 125A proceeded into detailed design, it became apparent that the state of the art could not meet the necessary performance, and in November 1956 the Department of Defense cut back the ANP program. Direct Cycle development was continued on a reduced basis and the Indirect Cycle was drastically reduced.

From early 1956 until the present time, the ANP effort has fluctuated between the objectives of early flight demonstration and advanced reactor development to provide initial military performance. During this time, several specific proposals have been reviewed in which early flight was advocated by the Air Force and AEC.

However, the President and the Department of Defense decided upon deferral of early flight in favor of more advanced performance from the propulsion system. Today both the Indirect and Direct Cycle propulsion systems are oriented toward the advanced propulsion system concept.

THE PRESENT PROGRAM

The present program, as outlined in the President's FY 1961 Budget, reflects the current guidance formulated by the Department of Defense. Specifically, both the Direct and Indirect Cycle Propulsion development programs are oriented toward the development of power plants suitable for militarily useful nuclear flight. Such performance would enable an initial nuclear aircraft to operate in the high subsonic speed envelope at a variety of altitudes.

The delineation of the program schedules provides specific technical goals, major of which are two advanced reactor experiments, one each for the Direct and Indirect Cycle programs. The results of these experiments should provide definitive technical data upon which decisions can be made to firmly establish a sound schedule for ground and flight tests of a nuclear propulsion system. The rate of technical progress in each cycle, in consonance with the reactor experiments, should allow a choice of the most promising of the two cycles to continue to flight test.

Anticipating the fruition of these steps, first nuclear flight could be expected in the mid-1960's time period.

Over the past few years, during which the ANP effort has been essentially a nuclear propulsion system research and development program, the useful annual funding level has hovered around 150 million dollars, jointly funded on an approximate half and half basis by the Air Force and the AEC.

This level of effort has proven to be most consistent with the maximum rate of technical progress achievable in the present program. The budgeted figure for FY 1961 is similar in scope to previous years.

PROGRESS

Apart from the airframe and associated conventional components of a nuclear aircraft system, the present progress of the ANP program can be candidly reflected by a qualitative presentation of the status of the major components of the nuclear turbojet propulsion system: Turbo-machinery, control system, shielding, and the reactor.

a. **Turbo-machinery** is a well-developed art. Specific turbojet engines, designed for a nuclear reactor heat source, have been developed and tested for several hundred hours. Advanced designs are presently in development for adaptation to the advanced reactors but turbo-machinery, as such, is not a limiting factor in the program.

b. **A control system** suitable for all modes of nuclear turbojet operation has been designed and has been successfully

tested. It remains to design and test the actual prototype system.

c. **Overshadowed by the reactor development effort**, shielding has quietly made excellent progress. The divided shield concept, wherein both the reactor and the crew compartment have individual shields, solved the unacceptable shield weight that was inherent in the unitary shield encompassing the reactor. In addition, new materials, advance shield calculation techniques, and highly useful data collected from a series of B-36 flights carrying a small source reactor have brought shielding to a level of competence and certainly where it is no longer a pacing component development. As a corollary, sufficient and significant radiation efforts work has been accomplished to a point where suitable aircraft subsystems, e.g., navigation, communication, and auxiliary systems, sufficiently radiation resistant, can be available for first nuclear flight.

d. **The reactor development has been and continues to be the heart of the**

achieved. Such advanced fuel elements will constitute the core within the Indirect Cycle advanced reactor experiment.

Similarly, although the Indirect Cycle system is younger in life span, the essential compatibility of a high performance, solid fuel element and a liquid metal coolant has been significantly and successfully defined so that this program is also able to progress toward its definitive engineering reactor experiment.

THE QUESTION OF FIRST FLIGHT

Following the cancellation of WS 125A and the subsequent reorientation of the ANP effort to propulsion system research and development a spectrum of opinion arose as to what would constitute the most useful type of first nuclear flight.

At about this same time period, Sputnik I was launched and, immediately, substantial opinion rallied to the concept of early nuclear flight which, in essence, meant fly as soon as possible with the performance that was immediately avail-

mit large amounts of funds, scientific manpower, and facilities to producing a marginal system at the expense of singly and more efficiently pursuing advanced performance.

Further, recognizing that once such expenditure had been completed and nuclear flight had been demonstrated it would still be short of useful military performance, the Department of Defense established higher performance as the ANP objective, pointing out that a higher performance propulsion system would be immediately adaptable to a useful military weapon system.

THE FUTURE

Realistically, the future of the Manned Nuclear Aircraft Program is contained in the substitution of endurance for speed when aircraft performance is discussed. Be the first aircraft developmental or an operational prototype, it will have the inherent potential to remain aloft for extended periods up to five days, which is a crew limitation instead of an aircraft limitation. Such a capability can be translated into stationary or roving air alert, independent of inflight refueling or overseas bases.

Although high subsonic performance could be expected from an initial application, there is every reason to expect follow-on supersonic power plants, the potential of which is inherent in potential nuclear propulsion systems.

Beyond these initial concepts, more futuristic applications can only be imagined. This hesitancy to predict and define more visionary concepts of applied aircraft nuclear propulsion is due to our presently limited conventional concepts of aircraft use. It is certain that the emergence of useful, proven nuclear propulsion systems for aircraft will offer revolutionary performance to military as well as nonmilitary use. For this reason, the ANP effort is of national importance and its development program has been keyed to provide objectives that will be responsive to a national interest.

It has been, in clear understanding of the immense payoff of nuclear propulsion systems for aircraft, that the Department of Defense has set in motion a sound technical development program that gives every expectation of culminating in success.

M/G Holzapple Gets WADD Command

Maj. Gen. Joseph R. Holzapple in July will become Commander of the ARDC Wright Air Development Division at Wright-Patterson AFB, Ohio.

He succeeds Maj. Gen. Stanley T. Wray, who will become Director of the Personnel Council, Office of the Secretary of the Air Force.

Now the Director of Systems Management at WADD, General Holzapple will be responsible for planning, programming and managing the development of military aerospace systems. These include aircraft, aerodynamic missiles, missiles associated with aircraft, manned aerospace systems and support systems. In addition, he will direct research to advance the technology required for the development of these and future systems.

Brig. Gen. Allman T. Culbertson, Deputy Commander of the Air Force Missile Development Center, Holloman AFB, N. M., will replace General Holzapple as Director of Systems Management at WADD.

Lt. McPheeters Is Aide

Lt. L. B. McPheeters, jr., is the new aide-de-camp to Brig. Gen. J. G. Shinkins, Commander of the Army Rocket and Guided Missile Agency at Redstone Arsenal, Ala. He recently transferred from the Technical Programs Section of the Assistant CofS for Research and Development at the Army Ordnance Missile Command to his present position.

B-70 Program Seen Key To Airline Progress Toward Mach 3 Transports

CONTINUED progress in the Air Force's B-70 bomber program is pinpointed by witnesses before the House Committee on Science and Astronautics as the key to development of Mach 3 transports for U. S. civilian airlines.

The Committee is studying problems involved in developing supersonic airliners for U. S. carriers.

While the hearings were in progress, Senator Barry Goldwater (R-Ariz.) an Air Force Reserve Brigadier General, told the Senate that the B-70 should be rushed to completion. He suggested that a reconnaissance version of the bomber be built.

"Such a craft," he declared, "flying at three times the speed of sound at altitudes above 80,000 feet could with impunity give surveillance to any part of the world and keep us constantly posted on actions and progress of any potential enemy wherever he might be."

Elwood "Pete" Quesada, Administrator of the Federal Aviation Agency, told the House Committee that unless the Air Force is permitted to proceed with the B-70 "the development of a supersonic transport plane is hopeless." While the B-70 itself would not be adaptable to transport uses, General Quesada said, its development and testing would answer many of the questions needed before a commercial transport could be built.

Maj. Gen. V. R. Haugen, Director of Development and Planning, told the Committee that the Air Force looks upon the development of a supersonic transport not only as feasible, but also as a desirable national objective. The B-70 prototype development offers the best approach, he said.

J. L. Atwood, President of North American Aviation, which is building the

B-70, testifying before the Committee, expressed the belief that profitable commercial supersonic transport operations are possible within 10 years. It can be obtained in the shortest time and at least expense through minimum modification of the B-70 bomber, he said.

"Since, for all practical purposes, it costs no more to go to Mach 3 than Mach 2," Mr. Atwood said, "it makes sense to optimize the aircraft design for the higher speed in order to prevent early obsolescence."

Mr. Atwood gave the Committee the following general conclusions:

1) The intercontinental range supersonic transport will be the next major improvement in commercial air transportation.

2) The triplesonic transport, if based on previous Mach 3 experience, will be a safe, economical and commercially profitable means of transportation.

3) A firm basis of experience in long range Mach 3 aircraft should be gained before detailed design of a triplesonic commercial transport is made.

4) Such an optimized commercial transport can be available in the 1966-70 time period.

Later, Senator Clair Engle (D-Calif.), in a speech on the floor of the Senate, called for restoration of the cut-back B-70 program. He derided the claim that the B-70 was in competition with other weapon systems such as the Atlas, Titan, Minuteman, and Polaris. "If you have five weapon systems—four ballistic missiles whose capabilities largely duplicate one another, and one manned bomber—," he declared, "does it make sense to eliminate the bomber and keep all four of the duplicative systems?"

ANP effort. When the Direct Cycle program was begun in 1950, the state of the art in nuclear reactors was epitomized by huge cumbersome arrays of solid fuel elements operating at temperatures below 1000° F, cooled by circulating water and shielded by massive amounts of concrete. From that point, ANP has progressed to a level where a Direct Cycle test reactor is composed of a high temperature fueled core, in excess of 1500° F temperature operation, cooled by air and moderated and shielded by solid components in a simulated flight position. This was HTRE-3 the third of a series of successful Heat Transfer Reactor Experiments, designed to firmly establish and forecast the ANP reactor development pace.

As a follow-on to HTRE-3, extensive testing is now underway on advanced fuel elements in considerably higher temperature environments which will establish the advanced flight performance threshold that can be initially

able from the then state of the art.

In February 1958, on the recommendation of a special advisory board, the President ruled out early flight in favor of development pointed toward militarily useful performance.

In the ensuing year as the state of the art advanced, early flight proponents continued to advance the concept on the basis that much could be learned from developmental flight and that a point had been reached where more useful information could be extracted from actual test flight than from dogged pursuit of more advanced performance to the exclusion of actual system engineering.

In August of 1959 while concurring with a portion of the early flight position, the Department of Defense contended that, in supporting the production of even one or two development aircraft and associated nuclear propulsion systems, it would be necessary to com-

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 McCallum, Carl P
 McCaskill, C. E. Jr
 McClanahan, Ted
 McClaren, Ralph G
 McClure, Thomas W
 McConnell, J. M
 McCoy, Jimmy H
 McCork, J. C. Jr
 McCullough, Larry D
 McCullough, M. S
 McDonald, William M
 McDonough, T. F
 McHale, C. E. Jr
 McHenry, Milton R
 McKinley, D. E
 McKinney, James B
 McLean, J. R. Jr
 McNabb, John M
 Macke, Richard C
 MacLeod, K. L. III
 Magnusson, N. J
 Makovic, George S
 Mangano, Edmund L
 Manning, William S
 Manser, Robert J
 Marburger, G. G. Jr
 Marks, David L
 Mariano, Gilbert T. Jr
 Marquis, David R
 Marr, George M
 Marsh, Frederick G
 Marshall, Ronald P
 Marti, Thomas J
 Martin, Clifford I
 Maskell, Charles M
 Matulka, Robert D
 Maxson, Myrel LeR
 Medaris, William W
 Meinicke, Thomas A
 Mendels, John C
 Menikheim, D. K
 Mercer, Benjamin F
 Meredith, Richard B
 Merrick, Martin P
 Merrill, Michael H
 Meyer, Robert A
 Michalski, John J. Jr
 Midas, Michael T. Jr
 Miller, Donald L
 Mims, Norman W. Jr
 Moerschel, David C
 Montague, Gerald C
 Montgomery, David R
 Moore, David K
 Moore, Dennis A
 Morales, Alfonso H
 Moran, Maurice J
 Morrissey, Jon E
 Morow, Frederic I
 Mott, Carleton E
 Mucha, Marvin F

Shipp, Jimmie S
 Simpson, Frank T
 Sipple, Howard L. Jr
 Skidgel, Gerald T
 Slezak, Norman L
 Smith, Hugh J. Jr
 Smith, Robert C
 Smith, Robert E
 Smith, Ronald C
 Smith, Roy C. IV
 Smits, Walter I
 Snell, Wendell D
 Sollberger, Melvin H
 Sparks, Paul W
 Spearman, William R
 Sperling, Harris
 Stasko, Nicholas J
 Steele, Robert L
 Stevenson, Robert G
 Stoakley, Richard H
 Stromberg, David P
 Stumbo, Stanley C
 Suddath, Jewel J. Jr
 Sullivan, Patrick H
 Super, Richard N
 Surratt, Jon E
 Sutliff, Robert C. Jr
 Taff, Dennis V
 Tague, James R. Jr
 Tait, John H
 Taylor, Raynor A. K
 Taylor, Robert G
 Taylor, Thomas W
 Taylor, Turner W
 Taylor, William E
 Teal, Thomas H. III
 Temple, Nicholas B
 Terry, Charles L
 Terry, Dennis H
 Terry, John R
 Terry, Thomas J. Jr
 Thames, Lewis H. Jr
 Thomas, C. R
 Thomas, Frank A
 Thomas, Larry D
 Thomas, William E
 Thompson, Alton K
 Tierney, J. V. Jr
 Tollaksen, Duane M
 Topp, David P
 Towle, Robert L

Supply Corps

Bachelder, Champe O
 Bailey, Edwin H
 Bathrick, Leeland M
 Baum, Kenneth A
 Bessenger, F. L. Jr
 Bingemer, Charles E
 Bosco, Joseph J
 Brennan, Anthony C
 Carlson, John O
 Cartwright, W. E. Jr
 Chavez, Jose
 Ciccone, T. A. Jr
 Covington, L. V
 Cox, Bobby W
 DeMaio, Robert M
 DiFilippo, Angelo E
 Dropp, Robert A
 Eason, David G
 Eldridge, Robert M
 Fraser, Robert B
 Freeman, Donald S. Jr
 Frost, Don J
 Fry, Vance H
 Fulkerson, Melvin A
 Fulton, John H
 Goldtrap, A. C. Jr
 Gould, George A. III

Civil Engineer Corps

Arcuni, Albert A
 Eber, Richard D
 Falk, Norman D
 Greenwald, James M
 Jones, Robert S
 Kennedy, Robert J
 Metzler, Jay C

B/G Raymond Murray
 Receives Ulchi Medal

South Korea has awarded its second highest decoration—the Ulchi Medal with Gold Star—to Brig. Gen. Raymond L. Murray, Assistant Commander, Third Marine Division, for outstanding service during the Korean War.

The presentation was made 23 May by Lt. Gen. Kim Dae Sik, Commandant of the Korean Marine Corps, at a ceremony conducted at ROK Headquarters in Seoul.

General Murray was in Korea for a planning conference.

During the Korean War, General Murray was commander of the Fifth Marine Regiment, First Marine Division, during the battle at Chosin Reservoir.

The General—a two-time Navy Cross winner—was advanced to one-star rank last June and assumed his present post two months later.

ARMED FORCES STRENGTH DROPS AGAIN

NUMERICAL strength of the Armed Forces at the beginning of May was 2,473,294—a decrease of 5,172 from the previous month. Strength figures for each service in April with month-ago and year-ago comparisons follow:

	30 April 1960	31 March 1960	30 April 1959
TOTAL DoD	2,473,294	2,478,466	2,518,048
Army	870,244	873,977	873,032
Navy	612,960	612,130	628,418
Marine Corps	171,590	171,853	174,709
Air Force	818,500	820,506	841,889

West Point Cadets Will Win Bars

From page 20—

Jasewsky, J. A. Jr
 Jezior, Michael A
 Jhung, Grafton
 Jilbert, Gerald R
 Johnson, Alan E
 Johnson, Frederick A
 Johnson, James H
 Johnson, Robert C
 Johnson, Robert N
 Johnson, William L
 Jones, Homer W. Jr
 Judson, Arthur E
 Kaiser, George F
 Kane, James R
 Kane, John P
 Keane, John K. Jr
 Keating, Albert C
 Kelley, Samuel P. Jr
 King, Kenneth L
 King, Lyell F
 Kirschner, Kenneth R
 Klein, Robert E
 Kling, Larry V
 Klosek, James W
 Koentop, Thomas A
 Kopp, Thomas E
 Kouns, Darryle L
 Krape, Darryl S
 Kukulinski, Norman J
 Ladehoff, Harold L
 Lagasse, Peter F
 Lane, Michael S
 Langseth, Leslie G
 Laurence, Edward J
 LeFebvre, John A
 Lee, Henry
 Leech, Robert L
 Lehrer, Glen H
 Lenti, John M
 Lerch, Irving A
 Letonoff, Victor T
 Lewis, Jerome X. 2d
 Lincoln, James B
 Livingston, Gordon S
 Loscuito, Ned, Jr
 Lowrey, Mark P
 Lowry, Mark II
 Lucas, Joseph C
 Ludovici, Kenneth R
 Lusky, Harold H
 Lutton, Charles G
 Lynn, Frederick J
 MacAulay, David J
 MacLachlan, Peter
 Maginnis, Thomas P
 Maloney, William H
 Mandelbaum, C. R
 Mandry, Paul W
 Marcinkowski, R. D
 Marcy, Spencer D
 Marmon, Herman S
 Martin, W. S. Jr
 Martz, John R
 Mason, Leslie P. Jr
 McCollum, J. K
 McElroy, George J
 McFaul, W. N. 3d
 McGance, P. V
 McInerney, R. N
 McKinney, John J
 McLaughlin, E. J
 McManus, George H
 McNamara, W. T
 McQuillen, George P
 Mease, Jennings H
 Meder, William A
 Meznar, Robert J
 Mercado, Robert K
 Mierau, Michael D
 Miles, Paul L. Jr
 Miller, Carl D
 Miller, Dyson R. C
 Miller, John Z. Jr
 Mills, Robert H
 Miser, Robert S. Jr
 Misura, John P
 Montgomery, R. E. Jr
 Mooney, Michael J
 Morin, Reynold
 Morrison, Robert G
 Mowery, H. B. Jr
 Murphy, William F
 Myers, Robert M
 Myers, W. N. Jr
 Naftzinger, J. E
 Neely, Charles R
 Nelson, Charles R
 Nevins, Bruce S
 Nix, John U
 Nobles, Charles S

Noel, Thomas E. III
 O'Connell, J. T. Jr
 O'Connor, R. J. Jr
 O'Keefe, Joseph D
 O'Leary, Daniel L
 O'Malley, Thomas K
 Oerding, James B
 Orr, Danford M
 Oswald, Robert E
 Ostott, Charles P
 Owens, Bobby L
 Parker, Elliot V. Jr
 Partlow, Frank A. Jr
 Pearl, James H. 2d
 Pellicci, Jack A
 Perkins, R. A. Jr
 Phillips, Henry A
 Pitts, Larry W
 Platt, Robert C. Jr
 Plummer, F. B. Jr
 Plummer, Michael T
 Post, Elwyn, D. Jr
 Powers, James A
 Preetz, Michael O
 Prosser, Donald W
 Quenney, Richard K
 Ramos, James R
 Raymond, W. M
 Reber, John L
 Reese, Eugene P. Jr
 Reid, John C
 Remus, Ernest A
 Rice, Frederick C
 Rich, Terrence L
 Richeson, Alfred K
 Ritchie, W. L. 2d
 Rivell, Gerard J
 Robbins, C. P. III
 Roberts, Paul A
 Robinson, Tom A
 Robocek, W. W
 Rollins, M. W. Jr
 Rowe, James N
 Rudesill, Robert S
 Ruedel, William P
 Rumbaugh, M. E. Jr
 Ruppert, James D
 Rux, William A. 2d
 Ryan, Michael T
 Ryan, Roger M
 Sapper, Larry W
 Sartoris, William W
 Savio, Paul J
 Schaefer, Grant A
 Schatzman, T. F. Jr
 Schlemann, Robert J
 Schmidt, Leroy A
 Schmitt, Charles T
 Schneider, John J
 Schofield, R. T. Jr
 Schrankel, Charles R
 Schroder, F. U
 Schwoob, James F
 Scott, Stephen H
 Scudder, William I
 Searies, J. W
 Seaward, Richard S
 Seely, John B
 Sexton, W. T. Jr
 Seymour, Roger G
 Shelby, John F
 Sheridan, John P. 3d
 Shimek, Daniel W
 Shost, Alan T
 Shuey, Richard P
 Skinner, William J
 Smith, Daniel A
 Smith, Harold B
 Spivy, Berton, E. III
 Squire, Joseph W
 Stanley, George R. Jr
 Starling, James D
 Steele, John S
 Stehling, J. M. Jr
 Stem, David H
 Stillwell, J. W. 3d
 Straetz, Donald F
 Strasbourger, E
 Sturgeon, Charles E
 Sugdins, Joel E
 Summers, Don A
 Sutton, Adolph, Jr
 Sutton, R. O. Jr
 Swain, Paul C
 Symonds, Paul S
 Tampion, W. F. Jr
 Taylor, John N
 Taylor, Thomas H
 Terry, Frederick G
 Thompson, Francis J

Here are the members of the U. S. Military Academy graduating Class of '60 who will be appointed second lieutenants in the Marine Corps and Air Force:

Air Force

Barnett, Herbert W
 Bauermeister, L. A
 Birkholz, John C. Jr
 Breit, William M
 Carver, Jimmy D
 Cloutier, Frank L
 Colter, Craig G
 Coon, Charles R
 Crabbe, James M
 Davidson, John K
 Dawson, Glenn E
 DeMent, James H. Jr
 Drennan, Robert G
 Eilo, John V
 Farnello, Lee A
 Fisher, Henry B. Jr
 Geist, Lawrence N
 Gerenz, Ralph F
 Glenn, Warren H
 Gould, Karl T. 2d
 Hargrove, John F
 Hayes, Melvin B
 Johnson, Calvin R
 Jones, Lyle T
 Keen, Robert L

MARINE CORPS

Bailey, Alfred D
 Bierman, Edward O
 Dobak, John D. Jr
 Dunn, Theodore R
 Ennis, Berlis F
 Koontz, Robert P
 Smith, Ronald S
 Stewart, James J

Heads Govt. Relations

Appointment of Henry M. Wales as Stromberg-Carlson's manager of government relations in the western region has been announced by Jack G. Anderson, vice president of government relations. Stromberg-Carlson is a division of General Dynamics Corporation.

Mr. Wales will make his headquarters at Stromberg-Carlson's Los Angeles office at 2231 South Barrington Avenue.

INTELLIGENCE MAN

Lt. Col. LeRoy C. Hill, Chief of the Special Operations Division of the Army Intelligence Board at Ft. Holabird, Md., has been initiated into Phi Delta Kappa, international professional fraternity for men in education.

Colonel Hill, who is working on his doctorate in Education at the University of Maryland, is married to the former Rita Tatge of Chicago. They make their home at 6823 Dunhill Rd.; Baltimore. Colonel and Mrs. Hill have six children, from 17 years of age to 18 months.

Births • Marriages • Deaths

(No charge for Service announcements. Please print all names.)

Born

ALINS—Ft Ord, Calif 27 Apr Lt & Mrs Ronald N Alins, 510 Park St, Pacific Grove, son, Wendell Mark.

ALLEN—Neubucke/Nahe, Germany 12 May Sgt & Mrs James F Allen, son, Jonathan.

ALLEN—Travis AFB, Calif 23 Apr Capt & Mrs Sam T Allen, daughter.

ANDERSON—West Point, NY 9 May 1st Lt & Mrs Derwood D Anderson, 4713th DEV-RON, Stewart AFB, NY, daughter, Teresa Marie.

ANDRICHAK—Shaw AFB, SC 17 May Capt & Mrs Stephen J Andrachak, daughter.

ATTWOOD—Brooke GH, Ft Sam Houston, Tex 15 May 1st Lt & Mrs Charles R Attwood, daughter.

BAIRD—Ft Eustis, Va recently Lt & Mrs Thomas L Baird, daughter.

BIANCHINI—Brooke GH, Ft Sam Houston, Tex 15 May Capt & Mrs Quinton J Bianchini, son.

BRITT—Memorial Hosp, Savannah, Ga 14 Mar 1st Lt & Mrs Albert S Britt, 3d 3926 Trask Dr, Columbus, Ga, son, William Benton.

BROWN—Newport, RI 18 May Lt & Mrs Howard R Brown, 22-A Woolsey Rd, Middletown, RI, daughter.

CANNON—Walson AH, Ft Dix, NJ 14 May Capt & Mrs T A Cannon, daughter, Sharon Lynne.

CARPENTER—Neubucke/Nahe, Germany 10 May Sgt & Mrs James H Carpenter, son, James.

CHIEGLIS—Landstuhl, Germany 7 May T-Sgt & Mrs Edward P Chieglis, daughter, Deborah.

CHOINIERE—Landstuhl, Germany 5 May S/Sgt & Mrs Paul J Choiniere, son, Gerard.

COMSTOCK—DeWitt AH, Ft Belvoir, Va 15 May Maj & Mrs Keith G Comstock, daughter.

COOKE—Landstuhl, Germany 6 May M/Sgt & Mrs Thomas H Cooke, daughter, Elizabeth.

COZZA—Landstuhl, Germany 2 May T/Sgt & Mrs Santo J Cozza, sr, daughter, Patricia.

CUMMINGS—Würzburg, Germany 13 May Capt & Mrs Clyde E Cummings, 2d How Bn, 28th Arty, APO 330, NY, son, Carter Wane.

DAUGHERTY—Landstuhl, Germany 6 May S/Sgt & Mrs Morris Daugherty, daughter, Regina.

DAVIS—DeWitt AH, Ft Belvoir, Va 18 May 1st Lt & Mrs James F Davis, daughter.

DAWLEY—Redstone Arsenal, Ala 23 Apr Col & Mrs Jay P Dawley, son, Bryce Quentin, Col Dawley is Missiles Officer, Mobile Engr Dist, CE, Redstone Arsenal.

DICUS—Landstuhl, Germany 3 May T/Sgt & Mrs John M Dicus, son, John.

DIXON—Brooke GH, Ft Sam Houston, Tex 11 May Capt & Mrs Ages G Dixon, daughter.

DOERLER—Walson AH, Ft Dix, NJ 13 May 1st Lt (Ret) & Mrs William K Doerler, daughter, Karlene Marie.

DOWLING—Travis AFB, Calif 7 May Capt & Mrs Donald W Dowling, son.

DU BOSE—William Beaumont GH, El Paso, Tex 7 May 1st Lt & Mrs John F Du Bose, son.

DUQUEMIN—West Point, NY 8 May Maj & Mrs Gordon J Duquemin, USMA Band, West Point, daughter, Margaret Kimber.

EISNER—Landstuhl, Germany 3 May Capt & Mrs Henry Eisner, son, Benjamin.

FARRELL—Landstuhl, Germany 4 May 2d Lt & Mrs John H Farrell, daughter, Lisa.

FELTER—Landstuhl, Germany 6 May Lt Col & Mrs Joseph H Felter, daughter, Christine.

FISHER—DeWitt AH, Ft Belvoir, Va 17 May Maj & Mrs Cretin L Fisher, son.

FLANAGAN—William Beaumont GH, El Paso, Tex 8 May Capt & Mrs Eugene P Flanagan, daughter.

FLEMING—Shaw AFB, SC 10 May Lt & Mrs Matthew M Fleming, daughter.

GATES—Travis AFB, Calif 14 May 1st Lt & Mrs Leo V Gates, daughter.

GREENE—Landstuhl, Germany 8 May Capt & Mrs James W Greene, son, Thomas.

HAMASAKI—Travis AFB, Calif 8 May 1st Lt & Mrs Paul Y Hamasaki, son.

HANSON—Neubucke/Nahe, Germany 7 May Capt & Mrs Thomas A Hanson, daughter, Amy.

HARDISON—Landstuhl, Germany 6 May Sp5 & Mrs James H Hardison, son, Jean.

HARDY—William Beaumont GH, El Paso, Tex 6 May 1st Lt & Mrs David L Hardy, son.

HERMAN—Lackland AFB, Tex 13 May Capt & Mrs Lloyd Herman, 5418 Arrowhead Dr, Lackland AFB, daughter.

HERRITY—Brooke GH, Ft Sam Houston, Tex 15 May 1st Lt & Mrs Joseph F Herrity, daughter.

HOLMES—Emerson Hosp, Concord, Mass 12 May Lt (USA) & Mrs Frederick S Holmes, jr, 28 Fairhaven Rd, Concord, daughter,

Susan Elliot, granddaughter of Mr & Mrs G J Guthrie of Portsmouth, and of Capt (USN-Ret) & Mrs F S Holmes of Newport, RI.

HOULIHAN—DeWitt AH, Ft Belvoir, Va 14 May Capt (USAF) & Mrs Charles J Houlihan, daughter.

HUDDLESTON—Landstuhl, Germany 2 May Sp6 & Mrs Lacey D Huddleston, son, Phillip.

HULL—Landstuhl, Germany 2 May Capt & Mrs George G Hull, daughter, Christine.

JAMES—Brooke GH, Ft Sam Houston, Tex 12 May 1st Lt & Mrs Charles L James, jr, daughter.

JARVIS—Lackland AFB, Tex 15 May Maj & Mrs Garland Jarvis, 606 Lookout Dr, Lackland AFB, daughter.

JENKINS—Langley AFB, Va 12 May Capt & Mrs Gerald E Jenkins, 1823 Moger Dr, Hampton, Va, daughter, Julie Ann.

JETER—Gorgas AH, CZ 9 May S/Sgt & Mrs Samuel Jeter, daughter.

JONES—Fitzsimons GH, Denver, 14 May 1st Lt (AF) & Mrs Patrick B Jones, daughter.

JORDAN—Landstuhl, Germany 4 May Capt & Mrs James M Jordan, son, Jay.

KATAGIRI—Ft Meade, Md 12 May Maj & Mrs Taro Katagiri, son.

KINGSLEY—Landstuhl, Germany 3 May T/Sgt & Mrs John M Kingsley, daughter, Teresa.

KIRRENE—Ft Ord, Calif 2 May 2d Lt & Mrs Gerald T Kirrene, 179 Luzon Rd, Ft Ord, son, Kenneth Thomas.

KNAPP—William Beaumont GH, El Paso, Tex 5 May Lt & Mrs Thomas E Knapp, daughter.

KOPP—Shaw AFB, SC 6 May 2d Lt & Mrs David T Kopp, son.

KROENCKE—Patterson AH, Ft Monmouth, NJ 12 May 2d Lt & Mrs James E Kroencke, 128 Atlantic Ave, Long Branch, NJ, son.

KUHN—DeWitt AH, Ft Belvoir, Va 15 May Capt & Mrs Howard R Kuhn, son.

LEMMONS—Landstuhl, Germany 8 May S/Sgt & Mrs James B Lemmons, daughter, Tammie.

LETSINGER—Landstuhl, Germany 8 May S/Sgt & Mrs Billie J Letsinger, son, Steven.

LINK—Landstuhl, Germany 3 Apr Sfc & Mrs Charles E Link, son, Ricky.

LOWELL—Bremerhaven, Germany 29 Apr Capt & Mrs P Lowell, daughter, Beth.

LUTZKER—Walson AH, Ft Dix, NJ 12 May 1st Lt & Mrs Daniel R Lutzker, son, Erik Lon.

MACINTYRE—Landstuhl, Germany 8 May S/Sgt & Mrs Eric M MacIntyre, son, David.

MARGOTTA—Walson AH, Ft Dix, NJ 16 May 2d Lt & Mrs Frank A. Margotta, son, Mark Anthony.

MASLAK—Landstuhl, Germany 6 May M/Sgt & Mrs Alphonse T Maslak, son, James.

MAZZE—Brooke GH, Ft Sam Houston, Tex 12 May 1st Lt & Mrs Richard I Mazze, daughter.

MCGINNES—La Chapelle, St Mesmin, France 4 May Sp5 & Mrs Richard D McGinness, son Robert.

MCGLYNN—Keesler AFB, Miss 13 May 2d Lt & Mrs Mark T McGlynn, daughter, Margaret Mary.

MCGRATH—DeWitt AH, Ft Belvoir, Va 13 May Capt & Mrs Terence J McGrath, daughter.

McMILLAM—Keesler AFB, Miss 8 May 2d Lt & Mrs Donald R McMILLAM, son, Kenneth Scott.

MEYERS—Langley AFB, Va 10 May 1st Lt & Mrs Jerome A Meyers, Box 1135 Route 17, Denbigh, Va, son, Alan Page.

MILLER—Neubucke/Nahe, Germany 7 May 1st Lt & Mrs Thomas W Miller, daughter, Laurie.

MORRELL—Landstuhl, Germany 2 May CWO & Mrs Ronald F Morrell, daughter, Barbara.

MUSELMANN—Travis AFB, Calif 20 Apr 1st Lt & Mrs Clifford B Muselmann, son.

NAGAGAWA—Ft Gordon, Ga recently Capt & Mrs Bunzo Nakagawa, daughter.

NOLL—Ft McClellan, Ala 9 May Capt & Mrs William S Noll, son, Gregory Scott.

O'CONNOR—Keesler AFB, Miss 13 May 2d Lt & Mrs Paul D O'Connor, son, Steven Paul.

O'DONNELL—Shaw AFB, SC 9 May Capt & Mrs Edward F O'Donnell, twin sons.

OWENS—Ft McClellan, Ala 17 May 1st Lt & Mrs Jerry F Owens, son, Craig Dean.

PAVLOVSKY—Bremerhaven, Germany 26 Apr Capt & Mrs Gilbert W Pavlovsky, son, James.

PAYNE—Keesler AFB, Miss 15 May Capt & Mrs Willard M Payne, son, Larry Edwin.

PETRISCAK—Travis AFB, Calif 11 May Capt & Mrs Andrew Petriscak, son.

PICKETT—Landstuhl, Germany 5 May S/Sgt & Mrs Donald L Pickett, son, Kenneth.

RAGENS—Landstuhl, Germany 6 May S/Sgt & Mrs Billie E Ragens, son, Steven L.

RAYNOR—Landstuhl, Germany 6 May Sp4 & Mrs Ira K Raynor, son, Richard.

ROGERS—Lackland AFB, Tex 15 May 1st Lt & Mrs William Rogers, son.

RUGANI—William Beaumont GH, El Paso, Tex 16 May 1st Lt & Mrs Peter R Rugani, daughter.

SAYLOR—Ft Ord, Calif, 30 April CWO & Mrs David R Saylor, 115 Evans Ave, Pacific Grove, son, Keith Marcus.

SCOTT—Vance AFB, Okla 15 May Maj & Mrs Charles E Scott, daughter.

SMITH—Keesler AFB, Miss 13 May Capt & Mrs Raymond C Smith, daughter, Amy Beth.

SNELL—Neubucke/Nahe, Germany 12 May Sfc & Mrs Howard M Snell, daughter, Jacqueline.

SOKOL—Landstuhl, Germany 7 May T/Sgt & Mrs George Sokol, daughter, Audrey.

SPENCER—Neubucke/Nahe, Germany 11 May 1st Lt & Mrs John Spencer, son, Edward.

SPRAGUE—Lackland AFB, Tex 18 May Maj & Mrs William Sprague, 507 Fairchild St, Lackland AFB, daughter.

SQUIER—DeWitt AH, Ft Belvoir, Va 19 May Lt (USN) & Mrs Lucius R Squier, jr, daughter.

STAUBER—Brooke GH, Ft Sam Houston, Tex 12 May Capt & Mrs Robert A Stauber, daughter.

STONEBURNER—Keesler AFB, Miss 15 May CWO & Mrs Raymond C Stoneburner, daughter, Mary Melissa Ann.

SWAN—Landstuhl, Germany 4 Apr 1st Lt & Mrs Russell O Swan, son, David.

SWINDLEHURST—Travis AFB, Calif 20 Apr 1st Lt & Mrs John A Swindlehurst, daughter.

TAYLOR—Landstuhl, Germany 2 May Sgt & Mrs John J Taylor, daughter, Yvonne.

TAYLOR—Ft Meade, Md 10 May Capt & Mrs Robert Taylor, daughter.

THOMAS—West Point, NY 11 May 1st Lt & Mrs Nicholas B Thomas, BOADS, Stewart AFB, NY, daughter, Susan Montgomery.

THORNBURG—Ft Carson, Colo 6 May 1st Lt & Mrs LaMonte Thornburg, Qts 6201-F, Ft Carson, daughter.

TOLER—Neubucke/Nahe, Germany 7 May Sp5 & Mrs James C Toler, daughter, Teresa.

TROUT—Travis AFB, Calif 19 Apr Maj & Mrs Melville G Trout, daughter.

TUTTLE—DeWitt AH, Ft Belvoir, Va 15 May Col (USAF) & Mrs Robert M Tuttle, son.

VAN KESTEREN—Vance AFB, Okla 21 May 2d Lt & Mrs John A Van Kesteren, daughter.

VAN REENEN—Travis AFB, Calif 6 May Maj & Mrs Neil D Van Reenen, daughter.

WHITE—Landstuhl, Germany 8 May Capt & Mrs Hal D White, son, Laird.

WALKER—Landstuhl, Germany 5 May 1st Lt & Mrs John F Walker, daughter, Cheryl.

WILFONG—Travis AFB, Calif 12 May Capt & Mrs Charles E Wilfong, son.

WILL—Bremerhaven, Germany 29 Apr Maj & Mrs Joseph C Will, son, Stephen.

WILLIAMS—Shaw AFB, SC 12 May 1st Lt & Mrs Foster T Williams, daughter.

WISE—Neubucke/Nahe, Germany 11 May Sgt & Mrs John E Wise, daughter, Choryl.

WONG—Shaw AFB, SC 15 May Capt & Mrs Richard J C Wong, son.

ZOLKOWSKI—Travis AFB, Calif 13 May 1st Lt & Mrs Joseph F Zolkowski, son.

ZUCKERMAN—Griffiss AFB, NY 16 May Capt & Mrs Arthur Zuckerman, daughter.

Married

BEARCE-JOHNSTON—The Old First Presbyterian Church, Huntington, LI, NY 21 May Miss Glenda May Johnston, daughter of Mr & Mrs Robert Glenn Johnston, Centerport, LI, and Lt Larned Vesley Bearce, USMC, son of LCDr (USN-Ret) & Mrs Herbert Bearce, Evanston, Ill.

CAMPBELL-BAUER—St Elizabeth's Church, Baltimore, Md recently Miss Lorraine Barbara Bauer, daughter of Mr & Mrs George Bauer, Baltimore, and Lt William Norbert Campbell, USA, son of Mr Charles Campbell.

FOX-MARIE—Post Chapel, Caserne Coligny, Orleans, France 21 Apr Miss Chantal Germaine Marie, daughter of Mr & Mrs Jean Marie, Orleans, and Lt Eugene Austin Fox, USA, son of Lt Gen (USA-Ret) & Mrs Alonzo P Fox, 3483 No Venice St, Arlington, Va.

GRAY-TAYLOR—Base Chapel, Andrews AFB, 7 May Miss Esther Ann Taylor, daughter of Mr & Mrs William H Taylor, Suitland, Md, and Capt James Hughes Gray, USAF, son of Mr & Mrs B C Gray.

GUAY-SZATKOWSKI—St Elizabeth's Roman Catholic Church, Wilmington, Del 21 May Miss Sandra Ann Szatkowski, and Ems Paul Ernest Guay, USN.

HUNT-LANE—St Dominic's Roman Catholic Church, Baltimore, Md 7 May Miss Mary Elizabeth Lane, daughter of Capt (USA-Ret) & Mrs William C Lane, 2915 Rosalie Ave, Baltimore, and Mr Walter Edward Hunt, jr, son of Mr & Mrs Hunt, also of Baltimore.

MANSON-GRAVES—Grand Isle, Vt 21 May Miss Janet Moffat Graves, daughter of Capt (USCG-Ret) & Mrs Garrett Van Antwerp Graves, Grand Isle, and Chevy Chase, Md,

and Mr Joseph Shattuck Manson, son of Mr & Mrs John T Manson, II, Chatham, Mass.

TAYLOR-BARROLL—St Thomas' Episcopal Church, Garrison, Md 21 May Miss Josephine Fairfax Barroll, daughter of Mr Lee Barroll, Baltimore, Md, and the late Mr Barroll, and Mr Stewart Fraser Taylor, son of Brig Gen (Ret) & Mrs John Thomas Taylor, Washington, DC.

WOODS-BROWN—St Joseph's Roman Catholic Church, Bronxville, NY 21 May Miss Robin Elizabeth Brown, daughter of Mr & Mrs Robert Utting Brown, and Lt Richard Manuel Woods, USMC, son of Mr & Mrs Richard Ainsa Woods, Greenwich, Conn.

Died

CONKLIN—Died Walter Reed GH, Washington, DC 18 May Brig Gen Arthur S Conklin, USA-Ret, (USMA '97), 87. Survived by his widow, Mrs Beatrice Conklin, 2126 Connecticut Ave, NW, Washington; and one sister, Mrs Frank Cross, Jamestown, NY. Burial Arlington National Cemetery.

DUFFY—Died USNH, Newport, RI recently Col Charles G Duffy, USN-Ret, 57. Survived by his sister, Mrs Edward R Devine, North Kingstown, RI. Burial St Francis Cemetery, Pawtucket, RI.

ERDMANN—Died Mt Alto VA Hospital, Washington, DC 17 May Mr Frank Erdmann, father of Cdr Robert F Erdmann, Newport, RI. Burial Arlington National Cemetery.

FINCH—Died Puerto Rico 20 May Miss Jean Borden Finch, 24, daughter of Mrs J T B Strode, Qtrs 58, Ft Belvoir, Va, and the late Mr W A Finch, jr, and step-daughter of Colonel Strode, MC, USA, Commanding Officer, DeWitt Army Hospital, Ft Belvoir. Educated at Southern Seminary and Fagins School of Drama, and a former Pan-American World Airlines stewardess, she had been employed as a secretary in Fajardo, PR. Also survived by one brother, J T B Strode, jr, a senior student at VPI; and one sister, Miss Rebekah Strode, a freshman at Mary Washington College. She was the granddaughter of the late Col C H Burkhead & Mrs Burkhead, Southern Pines, NC, & of the late Mr W A Finch & Mrs Finch, Wilson, NC. Burial Maplewood Cemetery, Wilson 24 May.

GLOVER—Died 23 May Mrs Joan Reeves Glover, widow of Capt Hamilton F Glover, USN. Survived by one sister, Mrs Marian R Scott, Bellevue, Wash. Burial Arlington National Cemetery, Washington, DC.

HATFIELD—Died Frankfurt, Germany, 12 May CWO-2 Charles F. Hatfield, 40, assistant adjutant general, 3d Armored Division, of a heart attack. Survived by his wife, Anne K, a daughter, Kathleen, and two sons Charles and Michael, 2723 Vary Drive, Augusta, Ga. His body is being returned to the United States for burial.

HAVILAND—Died North Island NAS, San Diego, Calif 20 May Radm James W. Haviland, USN-Ret, (USNA '25), 55. Survived by his widow, Mrs Suzanne Haviland, 72 Jacinto Ave, Coronado, Calif; and his mother, Mrs Genevieve Haviland, & one sister, Mrs James McCaffrey, both of Los Angeles. Burial Ft Rosecrans National Cemetery.

HOWARD—Died Washington, DC 22 May Mr H Peyton Howard, 56, graduate of the USNA, and Chief Engineer, Chesapeake & Potomac Telephone Co. Survived by his widow, Mrs Bernadine Howard, 536 Wrlley Rd, Bethesda, Md; one son, H. P. Howard, jr; and one daughter, Mrs Carville J Cross.

HULL—Died at the home of her daughter, Mrs Paul V Loesch, Palos Verdes Estates, Calif 10 May Mrs Elizabeth Allen Hull, widow of Capt Carl T Hull, USN-Ret. Burial Arlington National Cemetery, Washington, DC.

JONES—Died USNH, San Diego, Calif 11 May Lt Col Floyd D Jones, QMC, USA-Ret. Survived by his widow, Mrs Teresa A Jones, 1154 East Altadena Dr, Altadena, Calif; one sister; and three brothers. Burial Ft Rosecrans National Cemetery.

PARKER—Died Humboldt, Tenn 21 May Capt Douglas G Parker, USN. Survived by his widow, Mrs Mary K Parker, and one son, Douglas G Parker, jr. Burial Arlington National Cemetery, Washington, DC.

POWELSON—Died Ft Lauderdale, Fla 20 May LCDr Wilfred V N Powelson, USN-Ret. Survived by one son, R V N Powelson, Ambler, Pa. Burial Arlington National Cemetery.

ULMER—Died Tampa, Fla 21 May Col John R Ulmer, USA-Ret, 58, former Associate Editor of the old INFANTRY JOURNAL. Survived by his widow, Mrs Lois Ulmer, and two daughters, Mrs Irene Borblik & Miss Johanna Ulmer. Burial Arlington National Cemetery, Washington, DC.

VAN NATTER—Died Walter Reed GH, Washington, DC 23 May Capt Francis M Van Natter, USA-Ret, 67, free lance writer. Survived by his widow, Mrs. Hazel E Van Natter, 1222 31st St, NW, Washington.

WILKES—Died at her home at Washington, DC 23 May Mrs Mary Latta Wilkes, 58, wife of Cdr Charles Wilkes, USN-Ret, 3007 Tilden St, NW, Washington.

U. S. COAST GUARD

Secretary of the Treasury—Robert B. Anderson
Commandant—Vice Adm. Alfred C. Richmond

A 27 RESCUE Boat has been adopted by the Coast Guard as a replacement for the 25' self-bailing motor surfboat at shore stations.

The new boat, designed and built by the George Calkins Co., Delake, Ore., is a double-ended, shallow V-bottom craft with a self-bailing cockpit. It has a planing hull and can make speeds in excess of 20 knots.

The 22-foot boat is constructed with mahogany frames, oak gunwales, chines and keel. It is double planked with 3/4" plywood on the bottom and double planked with 1/2" plywood on the sides.

The craft's outboard motor is mounted in a well in the after section of the cockpit.

Headquarters said that tests have shown that the boat is capable of performing Service-wide duties and that it is being evaluated on board several floating units.

Complete with trailer, the new 22' boat will be furnished to shore units as funds become available and the present 25' models require replacement.

Assignment Changes

Commander

Broussard, Sidney K, Group, Sault Ste. Marie (GRUCOM & CO, COTP) to Base, Sault Ste. Marie (CO).
Curwen, Walter, Jr, CGAS, S Diego (XO-Difot) to CGAD, Annette Isl (CO-Difot).
Dahlgren, Wallace C, CGAS, Bklyn (Difot) to CGD3 (Oper-Difot) Cancelled.
Fisher, Frank M, Jr, CGD17 (Legal Officer) to CGD9 (Ch. Int. & LE Sect & COTP, Cleveland).
Heck, Stephen B, MIO, Port Arthur, to MIO, Toledo (SIM) Cancelled.
Horton, Norman L, CGD3 (Oper-Difot) to CGAD, Annette Isl (CO-Difot)—Cancelled.
Langolls, Charles H, MIO, Port Arthur, to MIO, St. Louis (SIM)—Cancelled.
Lewis, Walter R, CG Supply Center, Bklyn (CO) to CGD3 (Compt).
Serenberg, Russell A, Jr, CGD3 (Ch. Pers. Div.) to Group, Sault Ste. Marie (GRUCOM & CO, COTP Office).

Lieutenant Commander

Anderson, Joe, CGAS, S Fran (Difot) to CGAD, Kodiak (Difot).
Brinkmeyer, William H, NAS, Pensla (Liaison Officer-Difot) to CGAD, Naples (XO-Difot).
Covington, Bernard J, CGAD, Sangley Pt (Difot) to CGAS, Salem (XO-Difot).
Dean, Bertrand S, COTP, LA-LB (XO) to AVOYEL (XO) amended to CGD12 (TEM pend furas).
Dillian, James A, CGAS, Port Angeles (Difot) to CGAD, Guam (CO-Difot).
Donnay, William J, CGAS, S Fran (Difot) to CGAD, Annette (XO-Difot).
Durfee, James H, CGAD, N Orleans (CO) to CGAD, Bermuda (XO-Difot).
Easter, Clarence R, CGAD, Bermuda (Difot) to CGAD, N Orleans (CO-Difot).
Guillemette, Albert J, CGAD, Argenta (Difot) to CGAS, Elizabeth City (Difot).
Harrison, James L, CGAD, Guam (CO-Difot) to NAS, Pensla (Liaison Officer-Difot).
Hogue, Philip A, CGAS, Miami (Difot) to CGAD, San Juan (Difot).
Lentner, Russell W, CGAS, Miami (Difot) to CGAD, Sangley Pt (Difot).
Luse, Howard A, Base, Sault Ste. Marie (CO) to Base, Detroit (CO).
Loose, Donald C, CGAS, St. Petersburg (Difot) to CGAD, Sangley Point (XO-Difot).
Lyon, Jack D, CGAD, Sangley Point (Difot) to CGAS, Port Angeles (Difot).
McLean, Ivan C, Group, Norfolk (XO) to CGD5 (Asst. Ch. oan Sect).
Oglin, Robert E, Base, Alameda (Designated Supervisor RECENT).
Ryan, Joseph J, Jr, CGAS, Miami (Difot) to CGAD, Argenta (XO-Difot).
Schaffner, Walter C, MIO, San Pedro, to AVOYEL (XO).
Wallace, William C, CGAS, Bklyn (Difot) to CGAD, Argenta (Difot).
Walton, Florin J, CGAS, Elizabeth City (Difot) to CGAD, Kodiak (XO-Difot).
Winn, James M, CGAS, Bklyn (Difot) to CGAD, Annette Isl (Difot).

Lieutenant

Baumann, Eugene P, CGAD, Annette (Difot) to CGAS, S Fran (Difot).
Black, William S, CGAD, Argenta (Difot) to CGAS, Port Angeles (Difot).
Hicks, Robert W, COTP, Boston to HOME.
Nelson, Edward, Jr, CGAS, Salem (Difot) to CGAD, Argenta (Difot).
Pehaim, Gabriel E, CGD5 (oan) to CONIFER (CO).
Rahn, Edwin L, CGAD, San Juan (Difot) to CGAD, Quonset Point (Difot).

Sivils, Talmadge H, CGAD, Quonset Point (Difot) to CGAD, San Juan (Difot).
Walker, Fleming C, ANDROSCOGGIN (Duty) to MIO, Miami (COTP).
Willis, Lester W, Moorings, Cape May (CO) to JUNIPER (CO).
Wiman, Kenneth G, CGD17 (ecv) to HQ (ECV).
Young, Glenn F, HQ (OGR) to HQ (Dulns).

Lieutenant (Jg)

Newton, James A, Group, Yerba Buena, to Depot, Yerba Buena Island.
Rogers, Aaron W, CGD2 (Oper-COTP duties) to ANDROSCOGGIN.
Teninty, David P, MIO, S Fran, to GRESHAM.

Ensign

Bromen, Marvin N, COMANCHE, to RTC, Yorktown (TEMINS/MM Indoe) thence MIO, Milwaukee.
Hopkins, John R, ABSECON (Duty to Engr Trng).

Chief Warrant

McCormick, David D, ARUNDEL (CO) to RTC, Yorktown.
Rlx, Frederick W, COTP, S Fran to WAL-523 (CO).
Yeargain, Walter S, Group, Hilo (GRUCOM) to COTP, S Fran.
Knudsen, Arnold S, MIO, NY to MIO, Portland, Me.

Army Revises

Supergrade Controls

The Army has announced new procedures for requisitioning and assigning E-8's and E-9's.

The changes, in a revision of AR 614-210, aim at improved utilization and strengthened assignment controls for senior NCO's.

Future appointment quotas for E-8's and E-9's will be apportioned by Department of the Army on the basis of unfilled requisitions.

E-8's and E-9's will be assigned only to a duty position which calls for their grade or a higher grade than their primary MOS. When necessary, E-8's and E-9's will displace individuals in a lower grade assigned to such positions. When personnel cannot be assigned properly at present stations, they will be reported for reassignment.

To be eligible for appointment to grade E-8 or E-9, individuals must be fully qualified in the MOS of the authorized E-8 or E-9 position to be occupied and have this MOS designated as primary at the time of appointment.

Machine processes have been introduced by Department of the Army to streamline procedures for centralized assignments of E-8's and E-9's. A master file of all top-two-graders is kept current by daily changes transmitted from servicing Machine Record Units in the various Army commands. The system furnishes accurate and up-to-date information as to the status of individuals and personnel available for reassignment. A means of monitoring assignments through machine processes is also provided. Although manual operations are reduced, final selections to fill E-8 and E-9 requirements will be accomplished by personal review of individual records.

Commanders are required to requisition individuals for 100% of their projected vacancies, including positions occupied by those in a lower grade. Where an appointment quota has already been received by subordinate commanders, an exception is made for lower grade incumbents who have been selected for appointment to the higher grade to fill such a quota.

When requirements on pending requisitions are filled by appointment to grade E-8 or E-9 or by local reassignment action, commanders must make an immediate request for cancellation of such requirements. After assignment instructions have been issued by DA to fill an E-8 or E-9 position, subordinate commanders may not take action to fill the vacancy by promotion of an incumbent or by local reassignment action.

The records of all E-8's and E-9's are presently being reviewed at DA level for proper classification and assignment. DA Personnel Management Teams will also check utilization of E-8's and E-9' during visits to field installations.

28 May 1960 (Vol. 97, P. 1117)

Army Navy Air Force Journal 29

Journal Readers Give Their Views

From page 12—

most treasured possession, the man.

What has happened to the time-honored word, *soldier*? Here is a word that conjures a picture of a fighting man—straight and tall and proud of his profession, his outfit and fellow soldiers. Here is a term that shows respect; that reflects our pride in these men.

Let us stop this outrageous practice of classifying our men as government issue! Let's give them the respect that is their due as *Soldiers* of the United States Army!

G. E. REDHEFFER
LT. COL., ARMOR
UNITED STATES ARMY ELECTRONIC
PROVING GROUND
FORT HUACHUCA, ARIZONA

Unfair Treatment For EM

There exists now a law which gives all officers of the Army, who have attained 20 years of active duty the privilege of counting all additional inactive Reserve and inactive National Guard service just as if it were active in computing retired money compensation, while denying all credit whatever for this inactive service towards retirement to enlisted persons.

This means that a captain with 20 years active duty and 10 years inactive Reserve or inactive National Guard service retires on 75% of his base pay while a sergeant, working right alongside the captain, and retiring at the same time with exactly the same amount of service retires on 50% of his base pay.

Instances as described are happening every day in the Army. It is probably the most unfair retirement situation ever to exist in the Service.

Representative Bob Wilson, of the House, and Senator Eugene McCarthy, of the Senate, have both introduced bills to correct this unfairness by giving equal benefit to enlisted persons and those enlisted people who now stand to lose all credit for this service hope for a passage of the legislation at this session of Congress. Defense has estimated that the yearly cost of correcting this inequity will be \$694,000 per year.

MSGT. WALKER L. EAST, SR.
228 PETERSON LOOP
COLYER VILLAGE
FORT BELVOIR, VA.

Retired Plight

Would anyone believe that a country would penalize its soldiers for serving in too many of its wars?

Since 1 April 1955, I have been denied the most basic of retired pay rights; viz., the right to retired pay based on years of active service, because of having served in World War I.

Under Sect. 511 of the Career Compensation Act of 1949, I was paid under Par. 4, Sect. 15, Pay Readjustment Act of 1942 (an entitlement allowed for having served in World War I), because it gave me a few more dollars of pay at that time. Sect. 511 provided that I be paid under any existing law giving me the greatest amount of pay at that time, so I had no choice in the matter. In 1955, my pay was frozen to the Pay Readjustment Act of 1942 by the Career Incentive Act of 1955, and I was denied the right to the increased pay to which I was entitled based on length of active service. If I had not served in World War I, my retired pay would not have been frozen to the Pay Readjustment Act of 1942 (with its 1942 pay rates), and I would have been allowed the increased pay based on length of active service.

Although originally intended as a benefit, inflation and forced payment under the Pay Readjustment Act of 1942, has caused this law to become a millstone about the necks of many officers of World War I.

I served in World War I and World War II, and all the years in between except for about one and one-half years. (Approximately, two years enlisted reserve, three years commis-

sioned reserve, two years enlisted active regular service, 21 years commissioned active regular service; total 28 years service. Retired 1947.)

When I retired from active service in 1947, my retired pay was 75% of the active duty pay of my grade. In 1948, it slipped to 70%; in Oct. 1949 to 53 1/2%; in 1955 to 50%; in 1958 to 42 1/2%.

At the time of my retirement, due to custom and tradition, I thought that I would be permitted to participate in pay increases based upon length of active service and grade. Instead, after all these years, I find my retired pay steadily being whittled away. That I am now receiving retired pay for approximately 17 of my 23 years of active service, compared with my present day peers.

The effort being made to equalize the retired pay of those officers retired before 1 June 1958, does not include equalization of retired pay for the officers retired before 1 Oct. 1949.

As these older officers who retired before 1 Oct. 1949, progressively lose their right to earned retired pay, their feeling of insecurity grows, and they begin to wonder if they will lose their retired pay altogether. And with no social security to soften the blow.

I wish that each individual member of Congress could put himself in my place. How would he feel to find his Congressional pay frozen to the 1942 pay rates, while his colleagues enjoyed the 1960 pay rates? If he should feel that he did not like it at all, and I am sure that he would not, I would ask that he support remedial legislation to be included in the new retired pay equalization bills now being considered, or support the bill (HR 6833) introduced by Representative James E. Van Zandt of Pennsylvania (and approved by the Pentagon), which would restore my right to retired pay for length of service.

Thanking you for your strong and continuous support in our behalf, I remain,

COLONEL, USAF-RET.

AF Will Reconvene Reserve Boards

The Air Force will reconvene selection boards in June to consider about 1,100 active duty Reserve captains and majors eligible for Reserve promotion who were not considered by prior boards due to administrative error.

Boards to consider about 600 eligible officers not on active duty will meet at the Air Reserve Records Center, Denver.

The boards will be supplemental sessions of regularly scheduled boards convened during November and December 1959 and January 1960.

The Pentagon and Denver boards for captain to major meets 1 June, followed by the major to lieutenant colonel board 7 June.

The reason the 1,700 officers were missed by previous selection action was the last of correct promotion service dates.

Society Of First Division

The Society of the First Division, composed of men who served in the First Division in WW I and the First Infantry Division in WW II, will meet in Chicago 18-21 August.

Highlight of the meeting will be the Dedication of the Cantigny War Memorial Museum of the First Division. This million dollar museum made possible by a grant in the will of the late Colonel Robert R. McCormick, former publisher of the Chicago Tribune, depicts the history of the First Division and its influence on American history. Located on the former McCormick estate at Wheaton, Ill., the Museum is surrounded by acres of formal gardens and a military mall on which are displayed tanks and heavy artillery pieces.

Information regarding the Reunion can be obtained from Arthur L. Chaitt, Executive Secretary, 5 Montgomery Avenue, Edenheim, Philadelphia 18, Pa.

Capt. Blatt Is Fifth ARADCOM Master Aviator

Capt. Donald C. Blatt, has become the fifth Master Army Aviator—on duty with the Army Air Defense Command.

Master Aviator is a rating established by the Army to distinguish its most experienced aviators. To qualify an Army pilot must have 15 years' continuous duty as an Army aviator, be qualified in both fixed and rotary wing craft, possess an instrument qualification card, and have 3,000 hours flying time.

Other USARADCOM Master Army Aviators are Lt. Col. James A. McCord, Jr., Aviation Officer, Maj. James H. Leffer, and Capt. Fred Hiatt, all three serving in the Aviation Section at USARADCOM Headquarters in Colorado Springs, and Maj. Robert R. Stanfield, Aviation Officer at 6th Region Headquarters, Ft. Baker, Calif. Captain Blatt has served as a pilot at 2d Region Headquarters, Ft. George G. Meade, Md., since December 1958.

Common Cold Downs Fliers

From first page—

of medical causes for flight duty suspensions.

The Air Force, which has complete statistical estimates for temporary and permanent groundings during calendar year 1959, grounded approximately 25,000 rated officers for medical reasons during that year.

Approximately 500 to 600 of the Air Force's '59 medical groundings were of the indefinite or permanent type.

During 1959 the Armed Forces had slightly over 100,000 rated flying officers. Approximately 72,000 of these were in the Air Force, 6,000 in the Army, 16,500 in the Navy and 5,800 in the Marine Corps.

Of the 25,000 Air Force officers grounded during 1959, between 5,000 and 6,000 were removed from flying status because of the "common cold."

Navy officials say that their biggest single cause of medical removals from flying status is also the "common cold," but they say they have no records which would show the actual number temporarily grounded for this reason.

No short-term grounding statistics are available from the Army.

In the proportion of permanent groundings of flying officers for medical reasons to the total rated strength, the Air Force leads all Services. One out of every 150 Air Force officers on flying status was indefinitely suspended from flying status for medical reasons during 1959. In the same year, the Navy, Marine Corps and Army grounded approximately one of every 300 flying officers and warrant officers for medical reasons.

Major causes for permanent groundings were heart, eye and neuropsychiatric disorders.

L/C Bragdon Named JAG At Zama

Lt. Col. Kerlin J. Bragdon has been appointed Staff Judge Advocate, U. S. Army Japan and 6th Logistical Command at Camp Zama near Tokyo.

He succeeds Lt. Col. John S. Wilson, assigned to the Pentagon.

Col. Bragdon and his wife, Frances, reside in the Camp Zama housing area.

Warrants Promoted

The Army, in S.O. 101, has promoted two warrant officers, Roland Byrd, AGC, and Ralph L. Smith, AI, to CWO-4, and six to CWO-3, with rank from 20 May.

Those promoted to W-4 include warrant officers through sequence number 320, DA Circular 624-54, 2 June 1959. The new W-3's include warrant officers through sequence number 982. They are:

Byrd, Roland U, AGC; Smith, Ralph L, AI; Hampton, Luther A, AGC; Harmon, Thomas C, SigC; Hudson, Charles H, Jr., AGC; Richards, James H, QMC; Waldman, Robert G, AGC, and Womack, Lawrence F, JAGC.

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Air Force Generals Receive Promotions

The Air Force has announced in official orders the permanent and temporary promotion of the following officers to major general and brigadier general.

PERMANENT PROMOTIONS To Major General

Landry, Robert B., 24 Jul 55.
Eaton, Robert E., 25 Jul 55.
Montgomery, Richard M., 26 Jul 55.
Alness, Harvey T., 27 Jul 55.
Waldron, Russell L., 28 Jul 55.
Puryear, Romulus W., 29 Jul 55.
Moorman, Thomas S., Jr., 30 Jul 55.
Webster, Benjamin J., 31 Jul 55.
Davis, Leighton I., 3 Aug 55.
Walsh, James H., 4 Aug 55.
Muggrave, Thomas C., Jr., 5 Aug 55.
Hudnell, William T., 6 Aug 55.
Estes, Howell M., Jr., 8 Aug 55.
Nazzaro, Joseph J., 10 Aug 55.
Holloway, Bruce K., 12 Aug 55.
Preston, Maurice A., 13 Aug 55.
Ryan, John D., 14 Aug 55.
Blanchard, William H., 15 Aug 55.
Ferguson, James, 19 Aug 55.
Wade, David, 20 Aug 55.
Gerrity, Thomas P., 21 Aug 55.

To Brigadier General

Twitchell, Harold H. (MC), 10 Jul 55.
White, Major S. (MC), 11 Jul 55.
Bohannon, Richard L. (MC), 6 Jul 58.
Cullen, John K. (MC), 7 Jul 58.
Hardy, Donald L., 11 Sep 55.
Pottenger, Charles H., 12 Sep 55.
Goewey, Robert J., 27 Feb 58.
Porter, Harry C., 28 Feb 58.
Jensen, James C., 1 Mar 58.
Caldara, Joseph D. C., 2 Mar 58.
Smith, Dale O., 3 Mar 58.
Griffith, Perry B., 4 Mar 58.
Ligon, Elvin S., Jr., 5 Mar 58.
Stillman, Robert M., 6 Mar 58.
Hooks, Daniel E., 7 Mar 58.
Davis, Benjamin O., Jr., 8 Mar 58.
Clark, Albert P., 9 Mar 58.
Rogers, Turner C., 10 Mar 58.
Shores, Von R., 11 Mar 58.
Mundell, Lewis L., 12 Mar 58.
Reynolds, John M., 13 Mar 58.
Agee, Sam W., 14 Mar 58.
Sanborn, Kenneth O., 15 Mar 58.
Ostrander, Don R., 16 Mar 58.
Friedman, Robert J., 17 Mar 58.
Breitweiser, Robert A., 18 Mar 58.
Spicer, Prescott M., 19 Mar 58.
Dean, Fred M., 20 Mar 58.
Davis, Waymond A., 21 Mar 58.
Cooper, Marcus F., 22 Mar 58.
Childre, Cecil H., 23 Mar 58.
Maddux, Sam, Jr., 24 Mar 58.
Rouse, Frank E., 25 Mar 58.
Whelless, Hewitt T., 26 Mar 58.
Birchard, Glen R., 27 Mar 58.
Sullivan, Henry R., Jr., 28 Mar 58.
Martin, William K., 29 Mar 58.
Viccello, Henry, 30 Mar 58.
Ritland, Osmond J., 31 Mar 58.
Coupland, Don, 1 Apr 58.
Warren, Beverly H., 2 Apr 58.
Compton, Keith K., 3 Apr 58.
Hester, John K., 4 Apr 58.
Holzapfel, Joseph R., 5 Apr 58.
Burchinal, David A., 6 Apr 58.
Whisenand, James F., 7 Apr 58.
Martin, Glen W., 8 Apr 58.
Eisenhart, Charles M., 9 Apr 58.
Momyer, William W., 10 Apr 58.
Preston, Joseph J., 11 Apr 58.

TEMPORARY PROMOTIONS To Brigadier General

Graul, Donald P., 9 Nov 55.
Hardy, Donald L., 10 Nov 55.
Pottenger, Charles H., 11 Nov 55.
Griffith, Perry B., 12 Nov 55.
White, Major S., 13 Nov 55.
Cullen, John K., 14 Nov 55.
Sanborn, Kenneth O., 15 Nov 55.
Spicer, Prescott M., 16 Nov 55.
Birchard, Glen R., 17 Nov 55.
Sullivan, Henry R., Jr., 18 Nov 55.
Hester, John K., 19 Nov 55.
Holzapfel, Joseph R., 20 Nov 55.
Eisenhart, Charles M., 21 Nov 55.
Preston, Joseph J., 22 Nov 55.
Kingsbury, William C., 23 Nov 55.
Rodenhauser, Jermain F., 24 Nov 55.
Gent, Thomas J., Jr., 25 Nov 55.
Root, Charles B., 26 Nov 55.
Miller, Frederic H., 27 Nov 55.

Kelly Class Plans Silver Celebration

Flight school graduates of Kelly Field Class of 1935 will hold a "Silver Celebration" 1 July, at Mitchel AFB, N. Y.

The Class of 1935 at Kelly was graduated in three increments—in February, June and October. In all, 160 officers were graduated, 48 of whom are now deceased.

There are 31 active Air Force general officers, 45 active colonels and 15 retired officers. The class numbers 21 reserve officers no longer in the active service.

Col. George S. Brewer, USAF, is in charge of arrangements for the "Silver Celebration" and has urged that all Kelly classmates of 1935 arrange to attend. "Attendance by distaff side is optional but recommended," he said. A golf jamboree and appropriate evening of activities are programmed.

Class members may contact Colonel Brewer at 1111 Army Navy Drive, Arlington, Va., for further details.

Air Force Ends Temp. EM Boosts

The Air Force has decided to end temporary promotions for airmen.

Effective with the 1 June promotion cycle, all airmen advancements will be made on a permanent basis, including promotions to E-8 and E-9 held over from 1 December 1959.

A forthcoming change to AFR 39-29 will discontinue temporary airman promotions.

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INDUSTRY IN DEFENSE

CNO Burke Tells Communications Industry High Prices Are Readiness Problem

ADMIRAL Arleigh Burke has warned the U. S. electronics industry to "be careful to avoid pricing our military readiness out of the market."

In a keynote address 24 May to the annual meeting of the Armed Forces Communications and Electronics Association in Washington, D. C., the Chief of Naval Operations emphasized that cost is a big problem both to industry and the military.

Admiral Burke cautioned that the "best equipment in the world is useless unless the Services can get it in the quantities needed."

"We have to be careful," CNO Burke said, "to avoid pricing our military readiness out of the market."

"All of us must be alert in fighting this silent enemy, high cost, which robs us of our defense dollars. We must guard against unnecessary use of expensive materials, against costly modifications, which fail to produce significant improvements," he continued.

Admiral Burke said that the emphasis in modern electronic equipment should be on reliability and ease of maintenance. Solution to the maintenance problem, he said, "requires designing simplification in, and designing complexity out."

Ex-Naval Officer Heads Curtiss-Wright; L/G Campbell Named To Executive Group

A general realignment of the top management of the Curtiss-Wright Corporation was announced this week with the retirement of Roy T. Hurley as Chairman, President and Director and the election of T. Roland Berner, a Director since 1949, as Chairman of the Corporation.



Gen. Campbell

Also announced was the formation of an Executive Committee of the Board of Directors, composed of Mr. Berner, Lt. Gen. Levin H. Campbell, Jr., USA-Ret., former Chief of Ordnance, James R. MacDonald, Donald C. Power and Lloyd H. Smith.

Mr. Berner, new Chairman of the Corporation, served in Naval aviation as a lieutenant commander during WW II. He is also a member of boards of directors and executive committees of General Precision Equipment Corporation and Amerace Corporation. A graduate of Harvard College and Columbia Law School, Mr. Berner has headed his own law firm since the end of the war.

General Campbell has been a director of Curtiss-Wright since 1952. He was

formerly Executive Vice President of International Harvester Company and President of the National Automotive Safety Foundation.

Signal Corps Veteran Joins Ryan Subsidiary

Jules Kravetz, former Director of the Army Signal Corps West Coast Research and Development Office, has been named Director of Government Relations for Aerolab Development Company, Pasadena, wholly owned subsidiary of Ryan Aeronautical Company, San Diego.

He will report to Lloyd R. Everingham, Aerolab Manager.

During his service with the Signal Corps, Mr. Kravetz was awarded the War Department's Exceptional Civilian Service Award, the Department of Army Outstanding Performance Award, the Department of the Army Meritorious Civilian Service Award, and the West Coast Electronics Manufacturers Association Distinguished Service Award.

L/C Glasebrook Appointed

Col. J. R. Messersmith, Regional Director, Central Traffic Region, Military Traffic Management Agency, St. Louis, has announced appointment of Lt. Col. Arthur J. Glasebrook as Chief, Freight Traffic Division. He succeeds Lt. Col. John W. Edwards.

Pentagon Toxics Research Changes

From page 3—

the work under ARPA direction with the advice and assistance of the National Academy of Sciences, National Research Council Advisory Center of Toxicology, and the Office of Science, DDR&E. Contracts may be let with private research organizations as required.

"The ARPA program on toxicological research concerns new chemical products which may be incidentally a hazard to health under anticipated working conditions. Chemical products such as new propellants, fuels, coatings, solvents, lubricants, explosives and the like will be studied in an effort to safeguard the health of persons who may be exposed to them."

"Investigation will include determination of degree of toxicity, allowable concentrations, incapacitating thresholds and effective antidotes. Chemical warfare agents are specifically excluded from the studies."

"The constantly increasing use of a variety of chemicals by the military services under widely differing conditions has emphasized the need for a more centrally coordinated research program. The rapid screening of promising new chemical products is a significant factor in facilitating their early practical use, thereby

reducing the lead time in new activities dependent on them."

"ARPA will provide coordination of the expanding program to meet the requirements of the military departments and to ensure maximum efficiency and economy of operation."

"Funding of the program by ARPA initially will total about \$500,000. The separate military departments will continue to be responsible for determining the environmental and occupational health hazards peculiar to their specific activities under which the new chemical products will be used. For example, one military service may use a lubricant in an enclosed area, such as a tank, whereas another may require its use only in an open area."

ARMY ASKS INDUSTRY HELP ON DEFENSE SYSTEM

THE Army is soliciting proposals from industry for feasibility studies looking toward development of a ballistic missile defense system for the field forces engaged in ground combat.

The Army Rocket and Guided Missile Agency, Redstone Arsenal, Ala., has prepared technical requirements packets for distribution through Army Ordnance District Offices to interested contractors on a Nation-wide basis.

Proposals are to be submitted to ARGMA in early June, after which they will be evaluated and contractors selected to conduct feasibility studies.

Sperry "Gyro Navigators" Will Aid Polaris Submarine Missile Launchings

An improved ship inertial navigation system called "Gyro Navigators" will be installed on the Polaris submarines Sam Houston and John Marshall.

Manufactured by the Sperry Gyroscope Company, Great Neck, N. Y., the inertial systems will give the two submarines the navigational information needed to launch missiles underseas.

Inertial navigation underseas is accomplished by sensing the movement of the submarine, measuring it, plotting the change by dead reckoning through computers, and making adjustments for the earth's rotation. Movement is sensed within a stabilized element of gyros and accelerometers and is translated, within a computer, into direction,

speed and position.

The newest developments in the Gyro Navigator include the use of the first interchangeable gyros, which are probably the most critical element in any stabilized system, either digital or analog, and an improved and integrated polar mode of operation that will allow the submarines to operate under the ice with even greater facility.

Gyro Navigators aboard the Navy's two surface test ships have delivered accuracies needed for submarine missile launchings and provided position and direction information for the first fully guided Polaris firing at sea in March, 1960, from the firing test ship USS Observation Island (EAG-154).

AFCEA Elects

Benjamin H. Oliver, Jr., of the New York Telephone Company, has been re-elected National President of the Armed Forces Communications and Electronics Association.

Also reelected were Association Treasurer W. Earl Trantham (Hughes Aircraft Company) and Col. W. J. Baird, USA-Ret., General Manager.

T. O. Ostenberg, Acting Secretary, was appointed Secretary.

The Association elected eight new Directors: John W. Inwood (Western Union), Francis L. Ankenbrandt (RCA), Charles F. Horne (Convair), David R. Hull (Raytheon), W. Preston Corderman (Westrex), E. U. DaParma (Sperry Gyroscope), George L. Haller (General Electric) and Walter K. MacAdam (AT&T).

AFCEA is governed by a Board of 32 Directors. A slate of eight is elected annually to serve for a four year term. Those chosen for the 1960 Convention members are known as the class of '64.

In addition to electing the '64 class, the AFCEA members made the following changes in the Class of '61. New Directors are: Paul S. Mirabito (Burrhoughs Corp.), Peter Schenk (Mitre Corp.), and Maj. Gen. George I. Bach, USA-Ret., former Chief Signal Officer, (International Resistance).

Due to a change in the Constitution the following Past Presidents leave '61 Class: Joseph R. Redman (Western Union), and W. W. Watts (RCA).

Frank W. Wozencraft, Association Counsel, also is leaving the Class of '61.

Stephen H. Simpson (Southeastern Research Institute) replaces Dr. George W. Bailey (Executive Secretary of IRE) in the Class of '62.

Republic Develops New Hot Casting Process

Metallurgists at Republic Aviation Corporation have developed a method of shaping special space-age metals that promises far quicker and less expensive results through a new high-temperature forming technique.

The process, developed under a contract with the Air Material Command, involves the precision casting of dies from a special alloy of beryllium and copper, a combination which has been found to retain its high strength and mechanical properties at extremely high temperatures.

Republic already has built a small die press weighing less than a ton which it says can do the work of a 750-ton hydraulic press and cuts shaping time from eight hours to five minutes.

The press is in use for production of parts for the F-105D fighter-bomber.

Maj. Fowler Scores Kill With Falcon



PROBABLY no officer in the Armed Forces had a hotter time of it in connection with Armed Forces Day 1960 than Maj. John D. Fowler, an ARDC F-106 test pilot at Holloman AFB, N. M.

He is shown above with two Hughes Falcon missiles which he used to shoot down a runaway Matador missile over the New Mexico desert on 14 May.

When the Matador broke away and its self-destruct mechanism failed to function, the range safety officer dispatched Major Fowler in pursuit of the missile, which was about 50 miles away and off the range radar plotting boards. Major Fowler had been airborne about two minutes and was to make a test-launching against the Matador of two GAR-3A's, a new Hughes Super Falcon radar guided air-to-air missile.

Using afterburner all the way, and utilizing the aircraft's MA-1 armament control system in pilot assist mode, Major Fowler took out in the general direction of the Matador. He located the runaway missile with his radar, "locked on" and switched the MA-1 to full automatic mode for the final target run, aware that this was an emergency situation.

The F-106 closed at supersonic speed in a rear attack at about 30,000 feet. The steering dot on the radar scope centered and stayed there. Major Fowler visually identified the target as a double check; then the Super Falcons were automatically launched. Both scored direct hits, apparently in the engine, and the Matador blew apart. The location was about 25 miles out of Albuquerque.

Col. Williams Joins Infantry Board

Col. Robert C. Williams, Jr., has joined the Army Infantry Board at Ft. Benning, Ga., as Director of the Small Arms Department.

He succeeds Col. Felix E. Tharpe.

A '39 USMA graduate, Colonel Williams served in Korea as Commander of the Second Battle Group, 12th Cavalry, 1st Cavalry Division, before coming to Benning.

House Cuts Bar Build-Up Of Marines In Far East; Will Delay Modernization

If House reductions in the Marine Corps budget are allowed to stand, the Corps will be unable to send additional troops to the Far East, and will have to delay its modernization program.

In making this statement before the Senate Military Appropriations Subcommittee, General David M. Shoup urged restoration of funds for travel, departmental administration and procurement.

The Marine Corps Commandant said the Corps can absorb a cut of about \$1

million in travel funds but if the full House reduction is upheld "it will be impossible to deploy additional combat units and personnel to the Far East area" in accordance with present plans.

He said "It does not seem militarily reasonable not to fill out the forward deployed forces when the personnel are available."

General Shoup also told the Senators that the House reduction in the Marine Corps procurement program "will serve to further delay the modernization of our combat forces."

He reminded the Senators that the majority of Marine Corps procurement is not handled by the Corps and, thus, "the management improvement sought is basically beyond our control."

RCA GETS DATS

Radio Corporation of America has received a \$2.3 million Air Force contract for a new Dynamic Accuracy Test System (DATS) that will determine the pre-flight operational readiness of fighter-interceptor aircraft and weapon control systems. The value of the initial contract is \$2.3 million.

"DATS can perform a more complete assessment of operational status in 15 minutes than was previously possible in time measured in several hours," according to Mr. I. K. Kessler, General Manager of the RCA Airborne Systems Division. "The System will significantly increase the Air Defense Command's capability to maintain operational readiness for the performance of fighter-interceptor missions."

USMA '37 Graduate Chosen Firm President

Col. Stanley W. Connelly, USMA '37, has been elected President of Brisch, Inc., international organization of consulting engineers specializing in industrial classification and coding. He succeeds Edward G. Brisch, founder of the firm, who died on 8 April.

Brisch, Inc., has its headquarters in Toledo, Ohio, and associate companies, E. G. Brisch & Partners, Ltd., London, and Compagnie Parisienne D'ingenieurs-Consells in Paris.

For three years prior to joining Brisch, Inc., in late 1959, Colonel Connelly had been Director of Government Sales of Willys Motors, Inc., responsible for marketing "Jeep" vehicles. Previously, he was Vice President of the Rand Development Company, Cleveland.

He resigned his Commission in 1954 to enter private industry.

Fairchild Astrionics Promotes Germano

Alfred T. Germano, Military Customer Relations Representative for Fairchild Astrionics Division since 1956, has been promoted to Director of the Customer Relations Division, it is announced by General Manager Grayson Merrill at Wyandanch, Long Island, N. Y.

Mr. Germano will head an organization which will include full time offices in Washington, D. C., Dayton, Ohio, Boston, Mass. and New York City, plus the use of representatives on a contract basis.

An engineering graduate of Pratt Institute, Mr. Germano served as a radar and electronic countermeasures officer in the Navy during WWII and was a project officer for the Bureau of Ships, Bureau of Aeronautics and Army Corps of Engineers from 1946 to 1955, when he joined Fairchild Aircraft and Missiles Division.

Astrionics Division, a division of Fairchild Engine and Airplane Corp., is engaged in several military projects. The Army Signal Corps' AN/USD-5 high endurance surveillance system, for which Fairchild Astrionics has responsibility for the entire electronics and guidance system, successfully passed its first flight test on 14 May, as the jet powered drone used on the system flew the test range at the Army Electronics Proving Ground at Yuma, Ariz.

Signal Corps Captain Heads Sperry Division

John R. Whitford has been named Manager of Sperry Gyroscope Company's Electronic Tube Division, a major source of special electronic tubes for microwave radars, electronic countermeasures, and microwave communications systems used by the Armed Forces and industry.

Mr. Whitford joined Sperry in 1949 as project engineer for microwave instruments and components and later advanced through a series of sales positions. During WW II, he served as an Army Signal Corps Captain in the Pacific Theatre.

He lives at 616 Powell's Lane, Westbury, N. Y. with his wife, Mary, and three children.

Lt. Baumann Joins Firm

K. A. Mack, vice president and sales manager of the Chemical Machinery Division of Baker Perkins Inc., Saginaw, Mich., reports that David K. Baumann, until recently a first lieutenant in the Air Force, has joined the division's engineering staff.

Hoffman Scores First Under "Agree"

Hoffman Electronics Corporation has begun deliveries of the first major electronic equipment to be produced in quantity under the government's AGREE reliability concept.

The new units are the airborne portion of the TACAN air navigation system, designated ARN-21C, under a \$46 million Air Force contract.

The contract calls for production of TACAN sets with reliability never before achieved in this complex type of electronic equipment, according to Jack Kuhner, Vice President and General Manager of Hoffman's Military Products Division.

The new test standards being met by the ARN-21C equipment were developed by the Defense Department's special Advisory Group on Reliability of Electronic Equipment (AGREE), which recommended strict requirements for reliability testing.

"The test standards which Hoffman is helping to establish now under AGREE will almost certainly shape the pattern for most other electronics manufacturers, who must eventually come under this government testing program," Mr. Kuhner said.

Honeywell Names Knoblauch

Minneapolis - Honeywell Regulator Company has named K. Russell Knoblauch as Market Sales Manager for its Philadelphia-based Industrial Products Group.

The Group consists of the Brown Instruments and Rubicon Divisions in Philadelphia; Valve Division, Fort Washington, Pa.; Industrial Systems Division, Beltsville, Md.; Heiland Division, Denver, and Fall River, Mass. Division.

Bendix Will Build Check System For Douglas Skybolt, NAA Hound Dog

BENDIX Aviation Corporation has received a \$1.5 million Air Force contract for initial production of the AN/GJQ-9 automatic ground check-out system for the air-launched Douglas Skybolt and North American Hound Dog missiles.

The electronic, tape-controlled unit, designed as universal evaluation equipment for many missile, aircraft and other applications—both on the ground and in the air—is a primary, long-life system developed for use over a period of years.

Through the application of adaption units, the AN/GJQ-9 can be used to check out the operating capabilities of all types of missiles—including their electronic, pneumatic and hydraulic systems. It also can be used in a blockhouse for checking a missile system during countdown—or to check out the performance of systems used on tanks, helicopters and other vehicles.

The unit, which can handle more than a hundred tests a minute—such as measuring AC or DC current, frequency, resistance, phase angle and voltage—is designed to read the test pattern and then apply the tests in a "go" or "no-go" operation. The unit has the capability to test itself.

WADD Awards LOX Contract To Garrett

A contract for an unspecified amount for design, development and manufacture of a liquid oxygen converter system capable of operating at zero gravity has been awarded by the Air Force to The Garrett Corporation's AiResearch Manufacturing Division of Los Angeles.

The research program, sponsored by the Wright Air Development Division (WADD), is aimed at providing a LOX converter system for breathing applications under space environmental conditions, including zero gravity.

AiResearch is currently producing environmental control systems and pressurization systems for McDonnell Aircraft's Project Mercury manned satellite and the North American X-15 space vehicle.

Former Naval Officer Joins Ogden Division

James R. Corcoran, Jr., a Navy commander in World War II, has been appointed assistant to the Vice President of the Ogden Division of The Marquardt Corporation.

D. K. Tasker, Vice President of the Ogden Division, outlined the responsibilities of the position as "guiding the diversification and expanding activities of the Ogden Division." Mr. Corcoran's office will be located on the Atlantic seaboard where he will be responsible for major contacts with Government and Military contractors to assure a direct contact with the expanding needs of these industries.

Navy Man Joins Page

Page Communications Engineers, Inc., a subsidiary of Northrop Corp., has appointed Shelby G. Tanner as Chief of Public Relations. He joins Page after completing a tour of active duty with the Navy, where he served in the Office of the Assistant Chief of Naval Operation (Communications) Director, Naval Communications, the Pentagon.

From 1957-58, Mr. Tanner was Administrative Assistant and Personnel Officer at the U. S. Naval Communications Station, Adak, Alaska. Earlier, he was a staff announcer with Radio Station KCMC AM-FM, Texarkana, Texas.

Dresser Division

Names W. A. Laukaitis

Appointment of W. A. Laukaitis as Eastern Regional Marketing Manager for Southwestern Industrial Electronics Co. (SIE), a Division of Dresser Industries, Inc., is announced by R. O. Vaughan, Vice President, Marketing.

Formerly Manager of W. L. Maxson Corporations' Washington Office with prime responsibilities in the fields of counter-measure systems, radar systems, data processing, and anti-submarine warfare. Mr. Laukaitis has also been associated with: Reed Research; Summers Gyroscope; the Navy Department's Bureau of Weapons; and the American Lithofold Company.

Mr. Laukaitis' primary duties will be in technical liaison and sales between SIE and government agencies in the Washington, D. C. area and his headquarters will be in Dresser Industries offices, 1000 Connecticut Avenue, Washington, D. C.

New Raido Gear For Marine Corps Service

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velopment two man-packed radios which are envisioned as being used on the battalion-to-company, company-to-support unit, levels, such as missile batteries. They are the battery-powered Avco AN/PRC-38 and AN/PRC-42, slated to replace the Korea-type PRC's 8, 9 and 10 and the AN/GRC-9. The man-carried Avco models, which provide increased ranges, also feature modularized, transistorized construction, and weigh about 35 pounds.

The AN/PRC-42 has a range of between 25 to 35 miles. Development models are scheduled to be sent to the Marine Corps Landing Force Development Center, Quantico, Va., this year for evaluation.

Two models of the AN/PRC-38 are to be delivered to Quantico this month.

The Corps is seeking a more reliable, hand-carried, version of the WWII walkie-talkie for intra-company communications. What is needed is a lightweight piece of equipment that will permit a company commander to maintain contact with his platoons operating at fairly dispersed positions.

Another new radio slated for delivery

is the Collins AN/PRC-41 which will provide increased communications ranges between the Marine Infantrymen and his brother in the air. The AN/PRC-41 weighs approximately 25 pounds less than the existing 60-pound MAY-1 now used for direction of front-line air support by tactical aircraft.

Delivery of the first man-packed, ground-to-air AN/PRC-41 for Service test will be made about 1 June.

Already in the field is the AN/TRC-27 radio-relay set. This set, also man-packed, is a line-of-sight radio, designed to link field radios when troops are positioned in a large number of tactical positions. The line-of-sight relay system eliminates the need for laying wire between scattered units.

The BuShips-Raytheon developed relay system is team-packed by five men.

When the new radio family—many of the parts are interchangeable to cut down the number of items carried in the supply system—is integrated into Corps, wire-carried communications will become a thing of the past in tactical units. Then, wire connections will be limited to use in semi-fixed Headquarters organizations for internal use.

Army Will Seek Design Competitions For New Aircraft Types

From first page— was satisfied that Army air transport shortages have been eliminated.

The Army Aircraft Requirement Review Board said there is a "serious gap" in the availability of aircraft for battlefield movement of cargo and troops in forward areas. The need to meet STRAC requirements was emphasized in the report.

Since the Board made no specific recommendation for design of a new aircraft, it may be speculated that the Army will consider "off the shelf" pur-

chase of available commercial aircraft, which would be modified for combat service, or possibly the utilization of some aircraft which are becoming obsolete in the Air Force inventory.

The Rogers Board, in surveying future Army aircraft procurement, decided that present state of the art does not permit plans to obtain any VTOL, ducted fan, tilt wing, or autogiro aircraft.

They were eliminated for present consideration—although further research projects were recommended by the board—because of such problems as de-

sign complexity, high cost, downwash velocities, and stability control problems.

In deciding that the Army should seek a new light observation helicopter, the Rogers Board concluded that none of the fixed wing concepts offered sufficient advantages over the L-19 now in wide Army use.

THE JOURNAL revealed in the issue of 16 April that the Aircraft Requirement Review Board had proposed a \$4 million program to initiate development of the new light observation aircraft.

The Board stressed in its report to General Lemnitzer that Army transport aircraft of the future, such as the proposed compound helicopter, must be compatible with the Army missile system. The Board said that the transport aircraft, should be deployable anywhere in the world. It did not define what was meant by the word "deployable."

Secretary Gates Reorganizes Quietly

From page 2—

ceilings in excess of those recommended by the Administration.

Communications Agency Created

Following the pattern which has been used in creation of the Defense Atomic Support Agency, which is responsible for nuclear weapons work in all the Services, Secretary Gates has established an all-Service Defense Communications Agency.

It will operate all long-distance communications in the Services, exclusive of self-contained tactical systems.

The Army had hoped to be given this responsibility, but lost out when Secretary Gates determined that centralized control was desirable. The new Communications Agency will report directly through the JCS to the Secretary of Defense.

In effect it will be an arm of the JCS Joint Staff, much the same as the Defense Atomic Support Agency, but again not included under the 400 officer Joint Staff limitation.

JCS Operations Staff

The JCS officer ceiling will make it impossible for Secretary Gates to project the new reorganization plan to what seemingly is a logical conclusion, namely the build-up of the JCS operations staff.

As it stands now, each of the Services has a three-star officer in charge of operations, but the JCS J-3, is only a two-star officer.

It is at this point that any Secretary of Defense, seeking to push centralization of command and control would need to go to Congress for legislative approval. It is obvious that the JCS will need to be strengthened, unless the policy remains to create additional Agencies to do the work of the JCS.

But no legislative changes have been necessary for Secretary Gates to accomplish the actions reported here. He has taken advantage of the broad powers Congress intended him to have in the Defense Reorganizations of 1953 and 1958.

Fiscal '62 Impact

As work goes forward on the fiscal '62 budget, there is no question that in a number of areas—most notably Research and Engineering—the Department of Defense is going to exert more influence at an earlier time in the weapons cycle than ever before.

Dr. York and his associates will wield an increasingly powerful influence on weapons plans for the future. This means inevitably a relative loss of influence by the Services.

It also means that if the JCS is unable to reach agreement on weapons plans, the Secretary of Defense and the President will rely heavily on the counsel of Dr. York to resolve the differences among the professional military men.

There are those who say that this is a vital step forward to strengthen the concept of civilian control.

There are others who say that, unless carefully controlled, there is a danger that too many decisions affecting military operations will be made by Department of Defense officials who are not professionally competent to make them, and who do not have the direct responsibility for their execution.



TRUE NORTH...anywhere-any time-any weather

A portable field instrument that finds true north automatically is now available to America's new mobile Army. It is called ABLE and has been TYPE CLASSIFIED by the U. S. Army, TO & E No. LIN279415. ABLE swiftly determines true north... day or night, in all weather, and anywhere in the world up to latitudes of 70 degrees.

The simplicity, speed, and precision of ABLE compared with surveying methods means a saving in time, man-

power, and equipment... and is in keeping with the modern Army's concept of battlefield mobility.

Heart of the 100-pound all-transistorized system is a high-precision gyro which senses true north. Its accuracy is equal to most celestial methods under tactical conditions. ABLE components have a mean-time-to-failure in excess of 3000 hours. ABLE can also provide directional orientation for field-operated mobile radar and missile launchers.

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